

1935



Indestro Mfg. Corp.

N. KILDARE at SCHUBERT

CHICAGO, U. S. A.



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Our Guarantee

Every Indestro Product is fully guaranteed against defects in material or workmanship.

Any Indestro Product will be replaced by the factory if it fails to give the service you have a right to expect from it.

Replacements will be subject to the judgement and discretion of the factory and will not be made where a tool shows unmistakable signs of misuse or abuse.

In other words, you can expect full value from Indestro Products.

INDESTRO MFG. CORP.

N. Kildare Ave. at Schubert
Chicago, Ill.





SUPER QUALITY BOX WRENCH DISPLAY BOARD

Contains parts as follows

Long 45° Type

	LOI	ig 45 Type			
	Wrench		Price		
Quantity	No.	Size	Each		
3	730	3/8" x 7/16"	\$0.51		
3	731	1/2" x 9/16"	.57		
3	732	5/8" x 11/16"	.66		
3	733	3/8" x 7/16" 1/2" x 9/16" 5/8" x 11/16" 3/4" x 25/32" 13/16" x 7/8"	.75		
3	734	13/ ₁₆ " x 7/ ₈ "	.90		
3	735	$^{15/}_{16}$ " x 1 "	1.08		
	Loi	ıg 10° Type			
0			***		
3	711	3/8" x 7/16"	\$0.51		
3 3	712	1/0 X 3/1 C	.57		
3	713	9'16" x 5'8" 11/16" x 25/32" 3/4" x 7/8"	.63		
2	714	¹¹ / ₁₆ " x ²⁵ / ₃₂ "	.72		
3	715	3⁄4" x 7⁄8"	.81		
	Sho	rt 45° Type			
3	741	3/2" x 7/16"	\$0.48		
3 3 3	742	1/2" x 9/16"	.54		
3	743	3/8" x 7/16" 1/2" x 9/16" 5/8" x 11/16"	.60		
Short 15° Type					
3	751	3/2" x 7/1.2"	\$0.48		
3	752	3/8" x 7/16" 1/2" x 9/16" 5/8 x 11/16"	.51		
3	75 3	72 A 716 54 v 11/.	.54		
J	100	78 A 716	.94		

Combination Box Open End Wrenches

3	771	3/8"	\$0.48
3	772	3/8" 7/16"	.48
3	773	1/2	.54
3	774	$\frac{1/2}{9/16}''$.60
3	775	5/8"	.66
3	776	11/16"	.72

Chev. "6" Main Bearing Wrench

2	739	5⁄8″ x 3⁄4″	\$1.2

Ford Main Bearing Wrench

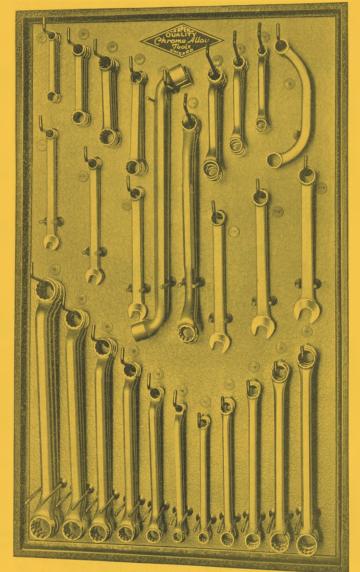
2 767	$\frac{9}{16}''$	sq. $x \frac{3}{4}''$	hex.	\$1.20
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Battery Terminal Wrench

	•		
3	75 0	%16" x 5%"	\$0.4 0
		/10 /8	Ψ0.10

Starter and Manifold Wrench

3 769	9/	16" x 5/8"	4	0.81



No. 79 DB Display Board

A real merchandising board with 27 different wrenches, all fast movers. This 19" x 31" Display Board with above assortment of 79 Super Quality Box Wrenches, affords a simple and attractive means of stocking and displaying the most commonly used mechanics' wrenches. The background is substantially made of heavy plywood, finished in copper color and bound by a heavy wood frame of dark green which makes up a beautiful contrast for the white duplex finish of the wrenches. Can be had in either hanger or easel type and is furnished free only with complete assortment listed above.

No. 79-DB

Price \$51.57

Weight 55 lbs.

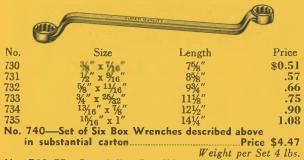




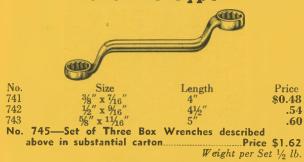
Super Quality Box Wrenches Drop Forged Chrome-Vanadium Steel

Super Quality wrenches are all the name implies. Triple Plated Duplex Finish, accurately formed and carefully designed, in fact, tools that appeal to the exacting user.

Long 45° Type



Short 45° Type



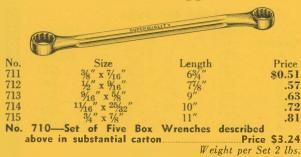
"S" Type



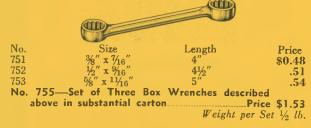
Starter and Manifold Box Wrench



Long 10° Type



Short 15° Type



Battery Terminal Wrench

and hold downs. Heavily plated. No. 750—Battery WrenchPrice \$0.46	A drop forged wrench with 5%" and 12 point openings for battery terminals		
Weight 1/ II	and hold downs. Heavily pla	ited. Price \$0.46	

2-Way Box End Wrenches



A very useful combination of a Box End Wrench, set at a 10° offset angle on one end, and an Open End Wrench on the other end. The same size openings on both ends.

No.	Size	Length	Price
771	3%"	7"	\$0.48
772	7/16"	7¼"	.48
773	1/2"	75%"	.54
774	%16"	8"	.60
775	5/8"	$8\frac{1}{2}''$.66
776	11/16"	83/4"	.72
Set of Six	Wrenches described	d above, in carton.	Weight, 2 lbs.
	6F		
Same Set	as above in leather	rette roll.	
No. 770-	6		Price \$3.96
Set of Fo	ur Wrenches, sizes 7	46", \%\%\%\%\and	5/8" in carton.
No. 770-	4F		Price \$2.28
		l₽	eight 11/2 lbs.
Same Set	as above in leather	rette roll.	

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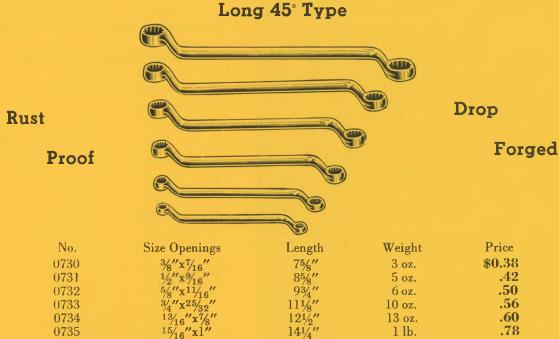
NDESTRO MFG CORP

No. 770-4



Chrome Vanadium Steel Box Wrenches Standard Cadmium Plated

This is a very high quality drop forged Chrome Vanadium Steel Box Wrench. It is well finished with heavy cadmium plate (rust proof) and will meet the requirements of either the car owner or the mechanic who wants a good quality tool.



No. 0740-5F—Set of five Wrenches as above in carton, with openings up to and including

**Tys"

Weight 3 lbs.

Short Style Box Wrenches

We also offer both the 15° and 45° short type Box Wrenches in plain Cadmium finish of the same quality as the 45° Wrenches listed above.

Short 15° Type Short 45° Type Price Price No. Size Length No. Size Length 0741 3/8"x7/16" 4" \$0.37 3/2"x7/16" 4" \$0.35 0751 41/2" .41 0742 1/2"x9/16" 41/9" .39 1/2"x9/16" 0752 .50 0743 0753 5/2"x11/16" .48

No. 0755—Set of three 15° Box Wrenches as described above, in carton......Price \$1.16

Wt. 1/2 lb.

No. 0745—Set of three 45° Box Wrenches as described above, in carton.....Price \$1.28

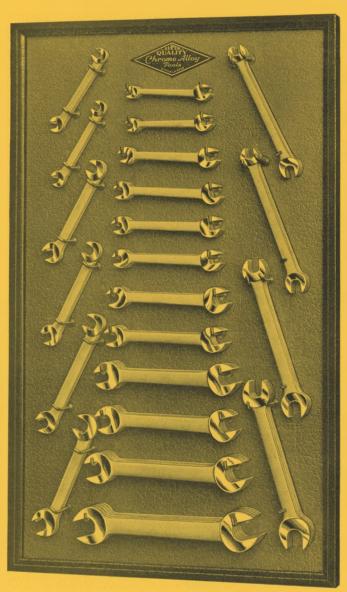
Wt. 1/2 lb.

Average Weight 4 oz. each.





SUPER QUALITY OPEN END WRENCH DISPLAY BOARD



No. 100 DB Display Board

A display board which appealingly exhibits a most representative stock of popular Super Quality Open End Wrenches. Substantially constructed of heavy plywood, finished in copper color with green frame; a combination which attractively contrasts with the Duplex Finished Wrenches. The board measures $19^{\prime\prime}$ x $31^{\prime\prime}$ and may be had in either the hanger or easel type. Furnished free only with complete assortment listed above.

No. 100-DB Display Board Complete.

Contains parts as follows

OPEN END WRENCHES

(Automotive Type) Thin Head Pattern

	Wrench		Price
Quantity	No.	Size	Each
5	1021	5/16 x 13/32	\$0.36
5	1723	3/8" x 7/16"	.36
5	1023	13/ ₃₂ " x 1/ ₂ "	.42
5	1725	7/ ₁₆ " x 1/ ₂ "	.51
5	1725B	½" x ½"	.51
5	1025	½" x 1%32"	.51
5	1727	%16" x 5%"	.57
5	1027	19/ ₃₂ " x 11/ ₁₆ "	.57
5	1729	5/8" x 3/4"	.72
5	1029	¹ 1/ ₁₆ " x ²⁵ / ₃₂ "	.72
4	1731A	3/4" x 7/8"	.96
4	1033C	¹⁵ / ₁₆ " x l"	1.29

OBSTRUCTION TYPE

		edd i diicin	
3	1821	3/8"	\$0.45
3	1823	7/16"	.45
3	1825	1/2"	.54
3	1827	%16"	.54
3	1829	5/8"	.66
3	1831	3/4"	.66

TAPPET WRENCHES

Extra Thin Pattern

6	Tl	7/16" x 17/32"	\$0.45
6	T 2	½" x ½"	.48
6	T 3	5/8" x 11/16"	.54
6	T4	3/4" x 7/8"	.66

Price \$57.93

Weight 50 lbs.





Chrome Vanadium Steel End Wrenches

Thin Head Pattern Automotive Type



SUPER QUALITY

Drop forged from Chrome Vanadium Steel. Well balanced with accurate openings and highly polished, pear shaped heads. Triple plated satin finish. A quality tool in every respect.

No.	Size Openings	Length	Wt. per Doz.	Price Ea
1721 1021 1722 1723	5/16 & 3/8 5/16 & 13/32 5/16 & 7/16 3/8 & 7/16	5"	1 lb.	\$0.36
1022 1023 1723 A	13%32 & 1/2	53/4"	1 lb. 14 oz.	.42
1024 1725 1725A 1725B 1025	13/32 & 19/32 7/16 & 1/2 7/16 & 9/16 1/2 & 9/16 1/2 & 19/32	61/4"	2 lb. 4 oz.	.51
1726 1026 1727 1027 1027C	½ & 5/8 9/16 & 5/8 9/16 & 11/16	71/8"	3 lb. 6 oz.	.57
1728 1028 1028S 1729 1029 1030	9/16 & 3/4 19/32 & 25/32 5/8 & 25/32 5/8 & 3/4 11/16 & 25/32 11/16 & 7/8	81/4"	5 lb. 10 oz.	.72
1731 1731A 1031 1731B 1032 1033A 1033	3/4 & 7/8 25/32 & 7/8 13/16 & 7/8 25/32 & 31/32 7/8 & 15/16 7/8 & 31/32	93/8"	7 lb. 8 oz.	.96
1733 1033C 1034 1734 1035	7/8 & 1 15/16 & 1 7/8 & 11/16 7/8 & 11/8 31/32 & 11/16	105/8"	12 lb. 6 oz.	1.29
1735 1036 1736 1037 1737	1 & 1 ¹ / ₈ 31/ ₃₂ & 1 ¹ / ₄ 1 & 1 ¹ / ₄ 11/ ₁₆ & 1 ¹ / ₄ 11/ ₈ & 1 ¹ / ₄	121/4"	18 lb.	1.74

STANDARD

Same design and material as the Super Quality type but not polished. Cadmium plated, rust proof finish. A good general purpose wrench.

No.	Size Openings	Length	Wt. per Doz.	Price Ea.
01721 01021 01722 01723	5/16 & 3/8 5/16 & 13/32 5/16 & 7/16 3/8 & 7/16	5"	1 lb.	\$0.25
01022 01023 01723A	5/16 & 1/2 13/32 & 1/2 3/8 & 1/2	5¾″	1 lb. 14 oz.	.28
01024 01725 01725A 01725B 01025	13%2 & 19%2 7/16 & 1/2 7/16 & 9/16 1/2 & 9/16 1/2 & 19%2	61/4"	2 lb. 4 oz.	.35
01726 01026 01727 01027 01027C	1/2 & 5/8 1/2 & 11/16 1/16 & 5/8 11/16 & 11/16 1/16 & 11/16	71/8"	3 lb. 6 oz.	.38
01728 01028 01028S 01028S 01729 01029 01030	9/16 & 3/4 19/32 & 25/32 5/8 & 25/32 5/8 & 3/4 11/16 & 25/32 11/16 & 7/8	81/4"	5 lb. 10 oz.	.49
01731 01731A 01031 01731B 01032 01033A 01033	3/4 & 7/8 25/82 & 7/8 13/16 & 7/8 25/32 & 31/32 7/8 & 15/16 7/8 & 31/32	93/8"	7 lb. 8 oz.	.63
01733 01033C 01034 01734 01035	7/8 & 1 15/16 & 1 7/8 & 11/16 7/8 & 11/8 31/32 & 11/16	105%"	12 lb. 6 oz.	.88
01735 01036 01736 01037 01737	1 & 1 ½ 31/32 & 1 ½ 1 & 1 ½ 1 & 1 ½ 11/16 & 1 ½ 1 ½ & 1 ½	121/4"	18 lb.	1.16

Standard package contains six of one size.





Tappet Wrenches Extra Thin Pattern



Super Quality

Drop forged from Chrome Vanadium Steel. Well balanced with accurate openings and highly polished, pear shaped heads. Triple plated satin finish. A quality tool in every respect.

No.	Size	Length	Wt. Per Doz.	Price Each
T1	7/16" x 17/32"	71/8"	2 lb. 8 oz.	\$0.45
TlA	7/16" x 1/2"	71/8"	2 lb. 8 oz.	.45
T2	½" x ½"	77/8"	2 lb. 12 oz.	.48
T 3	5/8" x 11/16"	81/2"	3 lb oz.	.54
T4	3/4" x 7/8"	9"	4 lb oz.	.66
T4A	3/4" x 13/16"	9"	4 lb. oz.	.66

Standard

Same design and material as the Super Quality type but not polished. Cadmium plated, rust proof finish. A good general purpose wrench.

No.	Size	Length	Wt. Per Doz.	Price Each
TO1	7/16" x 17/32"	71/8"	2 lb. 8 oz.	\$0.26
TOIA	7/16" x 1/2"	71/8"	2 lb. 8 oz.	.26
TO2	½" x ½"	77/8"	2 lb. 12 oz.	.30
TO3	5/8" x 11/16"	81/2"	3 lb oz.	.36
TO4	3/4" x 7/8"	9"	4 lb oz.	.46
TO4A	3/4" x 13/16"	9"	4 lb oz.	.46

Super Quality Obstruction Type End Wrenches



These thin type Chrome-Vanadium Steel Drop Forged Wrenches with the same size openings on both the 45° and 90° ends enables the user to operate in places such as brake adjustments, manifolds, etc., where it is difficult to use any other tool.

No.	Size	Length	Wt. Per Doz.	Price Each
1821	3/8"	5½"	1 lb. 3 oz.	\$0.45
1823	7/16	5½"	1 lb. 5 oz.	.45
1825	1/2	6½"	2 lb. 3 oz.	.54
1827	%16"	$6\frac{1}{2}''$	2 lb. 3 oz.	.54
1829	5/8"	71/2"	2 lb. 15 oz.	.66
1830	11/16"	$7\frac{1}{2}''$	4 lb.	.66
1831	3/4"	$7\frac{1}{2}''$	4 lb.	.66

Standard Tappet Wrench Sets in Metal Container



Two each of numbers TO1, TO2, and TO3 Standard Tappet Wrenches with cadmium plated, rust proof finish as described on preceding page. Packed in an attractively colored, baked enamel steel display and carrying case.

Weight 13/4 lbs. per Set

No. 6TM—Set in Metal Box.......Price \$1.90
No. 6TR—Set same as above except in substantial canvas roll.........Price \$1.90

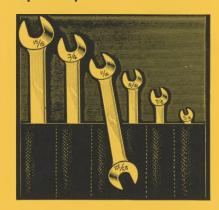
Popular Bundle Tappet Wrenches



Two each of numbers TO2 and TO3 wrenches in cadmium plated finish and fastened together with tape. A good quality set at a reasonable price. Wt. 1 lb.

No. 4CB—Set of four tappet wrenches, cadmium plated Price \$1.20

Popular Open End Wrench Sets



These sets are furnished in both "Super Quality" and "Standard" as described on page 7. These Wrenches have been selected to give the most popular combinations in sizes ranging from $\frac{5}{16}$ " to 1" and include Nos. 1723, 1725B, 1027, 1028S, 1731A and 1033C. The black leatherette pocket roll is substantially made and offers a convenient method of keeping these wrenches together.

No. 1000—Set of 6 "Super Quality"
Open End Wrenches in roll.......Price \$4.71
Weight 2½ lbs.





Super Quality Standard Display Cabinet

An

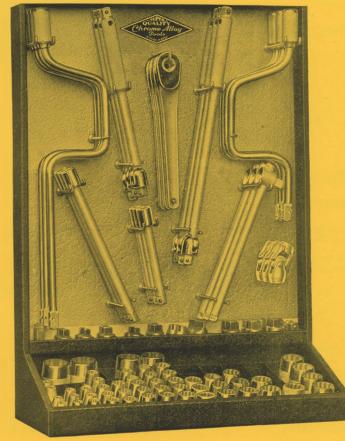
Attractive

Display

That

Sells

Tools



106

Popular

Sockets,

Handles

and

Fittings

No. 106

The Super Quality Display Cabinet is a convenient, attractive and profitable manner in which to handle sockets, handles and fittings. The heavy metal cabinet is green crackle finish and the background is rich copper bronze. Size 181/2" x 241/2". Contents and quantities are shown below. Cabinets only furnished with complete assortment.

No. 106—Display Cabinet and contents.....

.....Complete—Price \$52.50 Shipping Weight 90 lbs.

Quantity & No. Description 2 X1210 5/16" Chr. Van. 6 Pt. Skt.	Each	& No.	Description 2' Chr. Van. 12 Pt.	Each	& No.	Description Extension Adaptor	Price Each
2 X1212 %" Chr. Van. 6 Pt. Skt. 3 X1214 ¾6" Chr. Van. 12 Pt. Skt 3 X1216 ½" Chr. Van. 12 Pt. Skt	.24 24 24	2 X1234 1 ¹ 2 X1236 1 ²	" Chr. Van. 12 Pt. ½" Chr.Van. 12 Pt. ½" Chr. Van. 12 Pt. ½" Chr. Van. 12 Pt.	. Skt. .48 . Skt. .54	2 3213 Dra 3 3214 Uni	eket for Alemite Fitting ag Link Socket iversal Joint	.16 .42 .60
5 X1218 % ₁₆ " Chr.Van. 12 Pt. Skt 5 X1220 %" Chr. Van. 12 Pt. Skt 3 X1221 ²¹ / ₂ " Chr.Van. 12 Pt. Skt 5 X1222 ¹¹ / ₁₆ " Chr.Van. 12 Pt. Skt	33	3 3222 15 ¹ / ₂ cro	Flx. Hd. Hdle. wit ss bar 2" Flx. Hd. Hdle. v ss bar	1.60 with 1.70	2 3310 ⁵ 16 2 3312 ³ 8"	Extension Adaptor Drain Plug Socket Drain Plug Socket Drain Plug Socket	.48 .30 .30 .30
5 X1224 ¾" Chr. Van. 12 Pt. Skt 3 X1225 ²⁵ ⁄ ₈₂ " Chr.Van. 12 Pt. Skt 3 X1226 ¹³ ⁄ ₁₆ " Chr.Van. 12 Pt. Skt 3 X1228 ¾" Chr. Van. 12 Pt. Skt 2 X1230 ¹⁵ ⁄ ₁₆ " Chr.Van. 12 Pt. Skt	36 36 36	3 3203 Scr 3 3205 Sho 3 3206 Slid 3 3208 Lor	eged Ratchet ew Driver Adaptor ort. Sq. Adaptor de Head T Handle ng Speeder Handle ort Speeder Handle	.33 .24 .84 .69	2 3318 % ₁₆ 2 3320 5%" 2 3322 ¹¹ / ₁	Drain Plug Socket " Drain Plug Socket Drain Plug Socket 6" Drain Plug Socket Drain Plug Socket	.33 .33 .33 .36





Super Quality **Battery Pliers**



These drop forged chrome Vanadium steel pliers are designed to provide positive gripping of badly corroded or mutilated battery terminal nuts.

The convenient angle of the jaws as well as the shape makes it possible to use these pliers in many positions that are inaccessible to many tools. Curved and hand-fit handles eliminate pinching the palm of the hand. Triple plated satin finish with highly polished head, length 8". Weight 7 oz.

No. 3415-Battery Pliers.

Price \$0.90

Super Quality Water Pump Pliers



Built for long, dependable service to give the mechanic a wealth of satisfaction for all around uses. While the head and jaws are especially designed for adjusting water pump packing nuts, these pliers are most useful in other tight places as general utility pliers. Drop forged chrome Vanadium steel.

The parallel thin jaws are adjustable in eight positions from closed to an opening of $1\frac{3}{4}$ ". Handsome duplex satin finish with polished jaws. Weight 9 oz.

No. 3400-Water Pump Pliers.

Super Quality **Ignition Pliers**



This drop forged chrome Vanadium steel plier is 414 long, adjustable in four positions from closed jaws to an opening range up to Attractive satin nickel finish. Wt. 1 oz.

No. 3410-Midget Ignition Pliers Price \$0.60

Steel Pliers and Wire Cutters



Indestro Flat Nose Slip-Joint Steel Pliers are stamped from a special grade of steel, hardened to stand rough usage and will give long service. Just the item that you have been looking for; cheap in price but not in quality. Packed one dozen in attractive carton; one gross to shipping case. Finished in Weight 6 oz. cadmium plate rust resisting.

No. 3500-Steel Pliers.

Price \$0.16

No. 3500B-Steel Pliers, blue steel finish.

Price \$0.16

Mechanics' Tool Box



With Self Lifting Tray

A heavy gauge steel box with leather handle, nickel plated trim, dark green baked enamel finish. The self lifting tray permits ready access to either the tray or bottom of box when cover is open. The tray is partitioned so as to keep sockets and other small tools separated. The mechanic who already has his tools or one who is building up a set will find this box invaluable. Size 19½" long 7" wide, 6½" deep.

No. 9919—Super Quality Mechanics' Tool Box. Price \$4.00

Weight, 9 lbs.

Strap Wrench



For removing hub caps, lamp rims, radiator caps, etc. Handle strong mal-leable iron, 9" overall, extra heavy woven strap 36" overall.

No. 50—Strap Wrench Price \$0.72
Weight 12 oz.

Price \$0.36

Drag Link Socket

A standard socket with 1/2" square drive and with bit for drag link, drain plugs, etc.

No. 3213-Drag Link Socket Price \$0.42



Socket for Alemite Fittings

A convenient as well as useful tool for removing and replacing Alemite fittings.

No. 3212—Socket for Alemite
Price \$0.16



Offset Handle

The 10" offset handle with knurled grip can be used from either end. Extensions can be added where necessary.

No. 3207-Offset Handle....

Price \$1.00 Weight 11/4 lb.

Cotter Pin Tool

This little tool is not only handy for removing and spreading cotter pins but it is

also extremely useful for many other purposes as for instance in packing water pumps, etc. Made from \(\frac{5}{6}'' \) square steel stock, one end pointed, the other flat. Cadmium plated, rust

No. 801—Cotter Pin Tool.

Price \$0.13

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Super Quality Chrome Vanadium Steel Handles and Fittings

All fittings listed below are of the highest grade construction and design that will please the most exacting mechanic. All are interchangeable with any standard \(\frac{1}{2}'' \) square sockets and fittings. All parts are heavily plated.

Heavy Duty Ratchet



Speeder Handles



Swing Head Handle



The handiest handle of them all. Both ends fitted with friction ball and standard ½" square drive. Will reach all those hard to get at places.

No. 3200—10" Swing Head Handle with Bar. Price \$1.60

No. 3200—10" Swing Head Handle with Bar_Price \$1.60

Weight 14 lb.

Straight Type





No. 3220—11 ½" Straight Type Swing Head Handle, with plain end, no Cross Bar......Price \$1.20

Weight, ½ bs.

Slide "T" Handle



"12 Point" Steel Sockets

	12	POI	ш	Dieer	DOCK	312	
No.	Size	Price			No.	Size	Price
X1210	5/16"	\$0.24	R	00 N 1 CB	X1224	3/4"	.36
X1211	11/12"	.24	Cul.		X1225	25/32"	.36
X1212	3/8"	.24	John	S	X1226	13/16	.36
X1214	7/16"	.24		E I	X1228	7/8"	.36
X1216	1/2"	.24	THO: HO		X 1230	15/16	.36
X1217	17/32"	.30	Holli	7/	X 1231	31/32	.36
X1218	%16"	.30		-1/A III	X1232	1"	.45
X1219	19/32"	.30	100	14	X1234	11/16"	.48
X1220	5/8"	.33		AL SECTION	X1236	11/8"	.54
X1221	21/32"	.33	With the last	Water Committee	X 1238	13/16''	.54
X1222	11/16"	.33	_		X1240	11/4"	.54
X1223	23/32"	.36					
	.02						

Square Steel Sockets

No.	Size	Price	No.	Size	Price
X1210S	5/16"	\$0.30	X1220S	5/8"	.36
X1212S	3/8"	.30	X1222S	11/16"	.36
X1214S	7/16"	.30	X1224S	3/4"	.36
X1216S	1/2"	.30	X1228S	7/8"	.48
X1218S	9/16"	.33			

Drain Plug Sockets

_					_
No.	Size	Price	No.	Size	Price
3310	$\frac{5}{16}''$	\$0.30	3318	-9/16''	.33
3312	3/8"	.30	3320	5/8"	.33
3314	7/16"	.30	3322	11/16"	.36
3316	1/2"	.33	3324	$\frac{3}{4}''$.36



Extension Adaptors



No. 3204 No. 3205 No. 3233 No. 3203 To be used in connection with standard $\frac{1}{2}''$ square sockets and fittings.

anu	nungs.		
No.	3211—10" Extension Adaptor	Price	\$0.60
No.	3204—6" Extension with 2 Friction Balls	Price	.40
No.	3216—6" Extension Adaptor	.Price	.48
No.	3205—13/4" Short Square Adaptor	Price	.24
No.	3203—Screw Driver Adaptor	Price	.33
	3233—Reducing Adaptor 1/2" to 3/8"		

Universal Joint

A three piece universal enabling the use of sockets in hard to get at places.

No. 3214—Universal Joint......Price \$0.60

Universal Joint Adaptor

An extremely strong, 3 piece universal joint adaptor. The male and female ends are designed to be used with standard square fittings and handles. Weight 8 oz.

No. 3217—Universal Joint

AdaptorPrice \$0.84



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Super Quality 16 Piece Chrome-Vanadium Steel Set

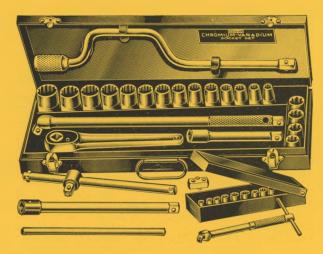


In this sixteen piece set is offered the most practical combination of sockets as well as an 18" flexible head handle. With this set it is practical to do nearly any job on a car or motor within the range of 7_{16} " to $1\frac{1}{8}$ " hexagon sizes. The heavy metal box is substantially made and gives a compact container for this useful set. Set includes 18" flexible handle and "12 Point" hexagon chrome vanadium steel sockets in the following sizes: 7_{16} ", $1\frac{1}{2}$ ", 9_{16} ", 19_{32} ", $5\frac{1}{8}$ ", $2\frac{1}{32}$ " $11\frac{1}{16}$ " $3\frac{1}{4}$ " $13\frac{1}{16}$ ", $7\frac{1}{8}$ ", $15\frac{1}{16}$ ", 1", $1\frac{1}{16}$ ", and $1\frac{1}{8}$ ".

No. 3116—16 Piece Chrome Vanadium Steel Socket Set

Price \$7.50 Weight 8 lbs.

Super Quality 36 Piece Chrome-Vanadium Steel Set



The illustration or the description really cannot picture the value and eye-appeal in this truly fine mechanic's socket set. The heavy metal carrying case is extremely well made, the assortment, which includes midget sizes, is carefully made and includes openings from 1/4" to 11/4", as well as handles and fittings as follows:

14½" Flexible Handle Cross Bar Long Speeder Ratchet 5" Extension Adaptor 10" Extension Adaptor Short Adaptor Slide Tee 7½" 12 Point Socket ½" 12 Point Socket 9/16" 12 Point Socket 19/2" 12 Point Socket 5/8" 12 Point Socket 21/32" 12 Point Socket 11/16" 12 Point Socket 3/4" 12 Point Socket 7/8" 12 Point Socket 19/16" 12 Point Socket

1" 12 Point Socket 1\(^{\alpha}_{16}\)" 12 Point Socket 1\(^{\alpha}_{16}\)" 12 Point Socket \(^{\alpha}_{2}\)" Square Socket \(^{\alpha}_{16}\)" Square Socket 1\(^{\alpha}_{16}\)" Square Socket Midget Flexible Handle Midget Cross Bar 1/4" Midget Hex. Socket 932" Midget Hex. Socket 916" Midget Hex. Socket 1/32" Midget Hex. Socket 1/32" Midget Hex. Socket 1/4" Midget Hex. Socket 1/4" Midget Sq. Socket 1/4" Midget Sq. Socket 1/4" Midget Sq. Socket 1/8" Midget Sq. Socket

No. 3136—36 Piece Chrome Vanadium Steel Socket Set.

Price \$14.38 Weight 18 lbs.

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Super Quality Chrome Vanadium Steel Socket Sets 1/2" Square Drive

The unusual strength and durability embodied in these sets gives them many advantages over other sets. Built to last a lifetime. Each set is packed in an attractive display box, making for quick, easy sales. Sockets of Chrome-Vanadium steel are recognized by all mechanics as being the finest made.

15 Piece Chrome Vanadium Steel Socket Set

This compact set contains the most popular sizes of sockets and the most essential tools with standard ½" square drive. The 9" slide cross bar in this set, used together with the flexible swing head handle, will turn it into a "T" or Offset Handle that can be used at any angle required. This combination makes this handle the most versatile and popular tool for any mechanic. Triple plated duplex finish and polished ends on all tools. In attractive baked enamel steel container.



Contents

5/16" Six Point Socket
Six Point Socket

7/16" Twelve Point Socket
"Twelve Point Socket

%6" Twelve Point Socket

5%" Twelve Point Socket
21/32" Twelve Point Socket

¹¹/₁₆" Twelve Point Socket ³/₄" Twelve Point Socket

7/8" Twelve Point Socket

15/16" Twelve Point Socket

1" Twelve Point Socket

6" Extension Adaptor

9" Cross Bar

10" Flexible Head Handle

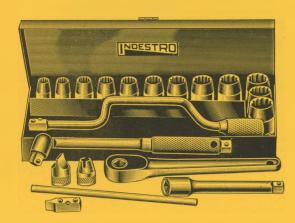
No. 3115—15 Piece Chrome Vanadium Steel Socket Wrench Set.

Weight 61/4 lbs.

Price \$5.90

20 Piece Chrome Vanadium Steel Socket Set

A most complete assortment of Chrome-Vanadium tools with standard '4'' square drive for automotive repair departments, machinists, railroad shops and all that demand tools of unusual strength and durability. All parts of set with attractive triple plated duplex finish and polished ends. Packed in attractive baked enamel steel container fitted with handle and clasp for locking.



Contents

7/16" Twelve Point Socket
Twelve Point Socket
Twelve Point Socket
7/8" Twelve Point Socket

²¹/₃₂" Twelve Point Socket ¹/₁₆" Twelve Point Socket

3/4" Twelve Point Socket

25/32" Twelve Point Socket
13/16" Twelve Point Socket
78" Twelve Point Socket

15%6" Twelve Point Socket 1" Twelve Point Socket Flexible Head Handle Ratchet Handle 6" Extension Adaptor

9" Cross Bar

12" Speeder Handle

Screw Driver Adaptor

Alemite Socket

Drag Link Socket

No. 3120—20 Piece Chrome Vanadium Steel Socket Wrench Set.

..... Price \$9.60 Weight 9½ lbs

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Super Quality Chrome Vanadium Steel Socket Wrench Sets

1/2" Square Drive

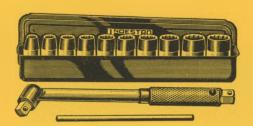
11 Piece Set in Display Case



This assortment of eleven popular tools in an open display container makes it especially attractive from a merchandising angle. All parts of the set are easily visible at a glance, although held together securely by the ingenious construction of the steel container.

The set contains 10" Flexible Head Handle and ten "12 Point" thin nose sockets: $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{3}{4}$ ", and $\frac{15}{16}$ ".

11 Piece Set in Slide Cover Box



A very attractive slide cover steel box is furnished for this set. The assortment of tools is the same as listed above for Set. No. 3111C.

Weight 4 lbs.

11 Piece Ratchet Wrench Set



This set is very highly recommended for the mechanic who appreciates a neat and compact set which includes a quality ratchet. Furnished in an attractive slide cover metal case and includes $1\frac{3}{4}$ " and 6" extension adaptors, easy action ratchet and eight popular size "12 Point" thin nose sockets: $7\frac{1}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ". $\frac{13}{16}$ " and $\frac{7}{16}$ " and $\frac{7}{16}$ ".

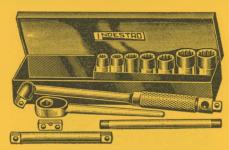
Weight 4 lbs.





Super Quality Chrome Vanadium Steel "Cub" Socket Sets and Tools

38" Square Drive



"Cub" Tools are designed for fast, dependable work in places that are hard to reach and that do not allow the use of regular sized tools although the maximum in strength is required. Properly heat treated and tempered Chrome Vanadium Steel in our tools assures extreme toughness and tensile strength. Each tool is a master piece of accuracy, balance and efficiency. Attractive triple plated, satin finish with polished ends. 3/8" square drive makes our tools interchangeable with other makes in the "Cub" class.

12 Piece "Cub" Socket Set

Set as illustrated contains a complete assortment of all necessary parts and fittings as follows: Seven 12-Point Hexagon Sockets, sizes $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", and $\frac{3}{4}$ ", 10" Flexible Swing Head Handle, $\frac{51}{2}$ " Slide Cross Bar, 6" Ratchet Handle, 1" and $\frac{41}{2}$ " Extension Adaptors. All tools packed in an attractive, baked enamel steel container. Weight, 3 lbs.

No. 2701-12 Piece "Cub" Socket Set

Price \$5.50

9 Piece "Cub" Socket Set

Same set as described above, however, without the Ratchet Handle and the two Extension Adaptors. Wt. 2½ lbs.

No. 2700-9 Piece "Cub" Socket Set.

..Price \$3.80

"Cub" Extensions







For use with our "Cub" Ratchet, we furnish two extension adaptors which will enable the mechanic to overcome most obstructions. Triple plated satin finish.

No.	2731—"Cu	ь" 1″	Extension	Adaptor	Price	\$0.20
No.	2732"Cul	b" 4 ½	" Extension	n Adaptor	Price	\$0.30
No.	2733	κ 1⁄4″ I	Reducing A	Adaptor	Price	\$0.20
No.	32333/8"	x 1/2"	Increasing	Adaptor	Price	\$0.30

"Cub" Sockets

Extremely thin wall sockets of tough, light weight construction. Accurate 12-Point Hexagon broaching assures a positive grip. Triple plated satin finish with polished ends.

No.	Size	Price
2712	3/8"	\$0.24
2714	7/16" 1/2"	.24
2716	· 1/2"	.24
2718	946"	.24
2720	5/8"	.24
2722	11/6"	.30
2724	3/4"	.30

"Cub" Flexible Swing Head Handle



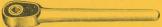
the shows tool into a "T" Handle was on

To convert the above tool into a "T" Handle, use our 5½" Slide Bar.

No. 2780—Slide Cross Bar. Price \$0.12

"C 7 27 1 7 1 1

"Cub" Ratchet



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CHICAGO II S A



SUPER QUALITY Chrome Vanadium Steel "MIDGET" Socket Wrench Sets

1/4" Square Drive



A complete line of tools that will take care of jobs where space and clearances are limited and where small sized nuts and bolts are used as on carburetors, dashboards, generators, magnetos, radios, etc. These tools are designed and built for speed, convenience and efficiency. Made from Chrome Vanadium steel, properly heat treated, tempered and hardened. Triple plated duplex finish.

13 Piece "Midget" Set

Flexible Head Handle 4" Slide Cross Bar 1" Extension Adaptor Ratchet Handle

	Ital	Cher Handre		
1/4"	12 Pt. Hex. Socket			Hex. Socke
9/32"	12 Pt. Hex. Socket	1/4	8 Pt.	Sq. Socket
7/16"	12 Pt. Hex. Socket	5/16"	8 Pt.	Sq. Socket
11/32"	12 Pt. Hex. Socket	45"	8 Pt.	Sq. Socket
36"	12 Pt. Hex. Socket			· *

Weight 11/2 lhs. No. 2801-13 Piece "Midget" Set.

11 Piece "Midget" Set

Flexible Head Handle 4" Slide Cross Bar

1/4" 12 Pt. Hex. Socket	7/16" 12 Pt. Hex. Socke
%2" 12 Pt. Hex. Socket	1/4" 8 Pt. Sq. Socket
5/16" 12 Pt. Hex. Socket	8 Pt. Sq. Socket
11/32" 12 Pt. Hex. Socket	3/8" 8 Pt. Sq. Socket
36" 12 Pt. Hex. Socket	

Weight, 1 lb. 2 oz.

No. 280011	Piece "Midget"	' SetP	rice \$	1.80
------------	----------------	--------	---------	------

8 Point Square

Size

"Midget" Sockets

2808S

2810S

2812S

Price \$3.20

76.T	12 Point Hexagon	Dutas
No.	Size	Price
2808	1/4"	\$0.18
2809	960"	.18
2810	5/16"	.18
2811	11/42"	.18
2812	3/8"	.18
2814	7∕ 16″	.18

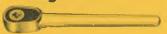
"Midget" Flexible Head Handle with Cross Bar



A 4" Slide Cross Bar furnished with this handle makes it either a "T" or offset handle, that can be used at any angle required. A most versatile and therefore essential tool for any mechanic. 61/2" long. Weight, 1/2 lb.

No. 2850-"Midget" Flexible Head Handle with Cross Bar. Price \$0.80

"Midget" Ratchet



Fully drop forged handle with properly hardened and tempered steel gears. No rivets or bolts used in the entire tool. Nothing to get out of order. Easy ratchet action for fast and dependable work. 5" long. Weight, ½ lb.

No. 2888-1/4—"Midget" Ratchet Price \$1.30

"Midget" Extension Adaptors





Price

\$0.18

.18

.18

No. 2831

Adaptors with two friction balls for use with above ratchet.

No. 2831—"Midget" ³/₄" Extension Adaptor Price \$0.20

No. 2733—1/4"x3/8" Increasing Adaptor Price \$0.20



Master Handles and Fittings 1/2" Square Drive

The fittings listed below are the same that are used in all Indestro Master Sets and are interchangeable with all standard socket sets using 1/2" square drive. The parts are made from solid bar steel, heavily plated and designed both for utility and strength.

2 Piece Universal



Extra heavy and very necessary on hard places to

No. 639—Universal Joint.... **Price \$0.32** Wt. 5 oz.

3 Piece Universal



Accurately machined from solid bar special analysis steel, enabling use of tool at various angles. Standard square opening, heavily nickel plated.

No. 640 Price \$0.40 Shipping Weight, 5 oz.

Screw Driver Adaptor



Screw driver adaptor with two friction balls. No. 658—Screw Driver Adaptor Price \$0.33 Wt. I oz.

Valve Grinder Attachment



For use on all makes of cars. Made of steel, hardened and tempered, special mottled finish, for use with square head speeder wrench or L handles.

No. 642 Price \$0.20

Alemite Fitting Socket



The handiest socket for removing alemite fittings. Made of steel, hardened and cadmium plated. $\frac{1}{2}$ in. Square Opening.

No. 645 Price \$0.16 Wt. 1 oz.

Short Speeder



Short Speeder handle with \(\frac{1}{2}\)" square end and friction ball. 12" long.

No. 643—Short Speeder..... Price \$0.44 Wt. 1 lb. 4 oz.

Ratchet Handle



Ratchet handle a very sturdy necessary tool. **Price \$0.48** No. 655—Ratchet Handle..... Wt. 14 oz.

Short Extension



Short 1/2" square extension with two friction balls. No. 656—Short Extension Price \$0.12

Long Extension



Solid har steel with two friction balls. 71/4" long. No. 657—Long Extension.......Price \$0.20

"L" Offset Handle



Solid bar offset handle with two friction balls. 91/2"

No. 641—"L" Offset Handle Price \$0.24

"L-T" Handle



A very desirable combination L-T handle that every mechanic and car owner appreciates. 91/3" long. No. 646—"L-T" Handle ...Price \$0.48 Wt. 1 lb. 6 oz.

Long Speeder



Fitted with knurled revolving handle, 19" long, fitted with friction ball.

No. 644—Long Speeder Price \$0.48



CHICAGO.





"12 Point" Master Sockets



1/2" Square Drive

Master sockets are made from special carbon steel, carefully as well as accurately machined, heat treated, tempered and hardened. They have standard a square openings and are interchangeable with all standard sockets and fittings.

Numbers marked (*) in the "12 Point" group of sockets are 6 Point and those marked (*) in the "8 Point" group are 4 Point, since it is not practical to broach certain small sizes of sockets otherwise.

No.	Size	Price	No.	Size	Price
6610*	916"	\$0.10	6623	23/32"	\$0.14
6611*	11/32"	.10	6624	3/4"	.14
6612*	3%"	.10	6625	25/32"	.14
6614	7/16"	.10	6626	13/16"	.14
6616	1/2"	.10	6628	7,8"	.16
6617	17/32"	.10	6630	15/16"	.16
6618	916"	.10	6631	31/42"	.16
6619	19/32"	.10	6632	1"	.20
6620	5/8"	.10	6634	11/16"	.20
6621	² 1/32″	.10	6636	11/8"	.20
6622	11/16"	.14	6638	13/16"	.20
			6640	11/4"	.20

Master Sockets with Square Openings

Same quality and style as above except made for square nuts and bolts.

No.	Size	Price	No.	Size	Price
6610-S*	516"	\$0.10	6618-S	%16"	\$0.14
6611-S*	1162"	.10	6620-S	5/8″	.14
6612-5*	38"	.10	6622-S	11/16"	.16
6614-S	716"	.10	6624-S	3/4"	.16
6616-S	1/2"	.10	6628-S	7∕8″	.16

Drain Plug Sockets

These sockets are extremely practical for removing drain plugs on the crank case, transmission and differential housing of many cars. All sockets are interchangeable with ½ square handles and fittings.

	No.	Size	Price
123	3310	5⁄16″	\$0.30
	3312	3/8"	.30
	3314	⁷ /16"	.30
5/8	3316	1/2"	.33
0,00		%16"	.33
No.		5%"	.33
-		¹ / ₁₆ "	.36
	3324	¾ "	.36
3/8	3318 3320 3322 3324	946" 58" 11/16" 34"	.33 .33 .30

11 Piece Master Socket Set 1/2" Square Drive



This is a very popular wrench set and packed in a convenient sliding cover enameled steel 12" box. Contains one L & T handle and 10 popular sized sockets: sizes 76° , 12° , hardened sockets; cadmium plated handle and sockets. Weight 3 lbs. 6 oz.

22 Piece Master Socket Set 1/2" Square Drive



No. 1522—22 Piece Master Socket Set.......Price \$3.00

18 Piece Master Socket Set

A very practical and compact little set in a green crystal enamel, hinge cover steel box. Similar to 22 Pc. Set illustrated above but with $\frac{5}{16}$ ", $\frac{7}{16}$ ", $\frac{7}{16}$ ", $\frac{19}{16}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{11}{36}$ ", $\frac{18}{16}$ ", $\frac{18}{16}$ " and $\frac{15}{16}$ " 12 Point Sockets, $\frac{18}{16}$ " and $\frac{19}{16}$ " Square Sockets, Ratchet, L Handle and Short Sq. Adaptor.

No. 1518—18 Pc. Master Socket Set Price \$2.34 Weight $\frac{5}{12}$ lbs.

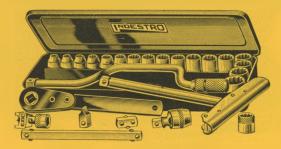
Chart of Wrench and Socket Openings and Sizes of Bolts and Nuts They Will Take

Opening	S.A.E. Std.	U. 5	S. Std.	America	n Std.	Opening	S.A.E. Std.	U. S	Std.	American Std.	
Орешив	Nuts	Nuts	Cap Screws	Nuts	Screws	Opening	Screws & Nuts	Nuts	Cap Screws	Nuts	Screws
1/4" 9/32"				No. 4		3/4" 25 " 32 13 "	1/2		1/2	18	1/2
17.		1/8	3/4 - 8r	Nos. 5 & 6 No. 8 No. 10		12	5/8	1/2	9 16 5/8	1/2	1/8
3/8" 18" 1/2	3/4	1/4	1/4	1/4	1/4	18" 91" 1"	11 16 3/4	18 5/8	3/4	, 0	3/4
32"	78	_6 1 €	3/8	3/	78	1 1/8" 1 1/8" 1 1/8"	74	78	7/g	3/4	7/8
5/8" 11 "	16	3/8	18	3/8	1'8	11/4"	7/8	3/4	1		





"Junior" Master 26 Piece Socket Wrench Set



1/2" Square Drive

A well balanced set of essential mechanics' tools made of special analysis steel, properly hardened and tempered. All tools heavily cadmium plated, rust proof, and put up in attractive, baked enamel steel box. Contents:

Ratchet Handle Comb. L-T Handle Long Extension Short Extension Screw Driver Bit Universal Joint Valve Grinder Socket 16 8 Point Square Socket

Hexagon Socket 11/32" Hexagon Socket 38" Hexagon Socket 74.2" 12 Point Hexag 748" 12 Point Hexagon Socket 1/2" 12 Point Hexagon Socket 7/32" 12 Point Hexagon Socket 9/16" 12 Point Hexagon Socket 19/32" 13 Point Hexagon Socket 19/32" 14 Point Hexagon Socket 19/32" 15 Point Hexagon Socket 19/32" 12 Point Hexagon Socket

22/32" 12 Point Hexagon Socket 110 Point Hexagon Socket 23/32" 12 Point Hexagon Socket 3/4" 12 Point Hexagon Socket 25/32" 12 Point Hexagon Socket 76" 12 Point Hexagon Socket 76" 12 Point Hexagon Socket

12 Point Hexagon Socket %" 12 Point Hexagon Socket 1" 12 Point Hexagon Socket

No. 1526-26 Piece Socket Wrench Set

Price \$4.14 Shipping Weight, 81/2 lbs.

30 Piece "12 Point" Master Socket Set



½" Square Drive

A very popular set to fill a demand for a slightly more complete set than that listed above and includes six popular sized square sockets. All parts made from specially selected steel, carefully hardened and cadmium plated. Consists of thirty pieces as follows, packed in green crystal baked enamel steel box.

19" Speeder Ratchet Handle Combination L-T Handle Short Extension 71/2" Extension
4 Point Square Socket 38" 4 Point Square Socket 38" 4 Point Square Socket 746" 8 Point Square Socket 42" 8 Point Square Socket 16" 8 Point Square Socket

5%" 8 Point Square Socket 5/16" Hexagon Socket 11/16" Hexagon Socket Hexagon Socket 12 Point Hexagon Socket 12 Point Hexagon Socket 17/32" 12 Point Hexagon Socket 19/16" 12 Point Hexagon Socket 19/16" 12 Point Hexagon Socket 9/16" 12 Point Hexagon Socket 5/8" 12 Point Hexagon Socket 21/32" 12 Point Hexagon Socket

11/16" 12 Point Hexagon Socket 23/32" 12 Point Hexagon Socket 3/4" 12 Point Hexagon Socket 25/2" 12 Point Hexagon Socket 11 12 Point Hexagon Socket 7/8" 12 Point Hexagon Socket 7/8" 12 Point Hexagon Socket 15/16" 12 Point Hexagon Socket 1" 12 Point Hexagon Socket 1" 12 Point Hexagon Socket 141." 12 Point Hexagon Socket

No. 1530-30 Piece "12 Point" Master Socket Set

Price \$4.28 Weight 12 lbs.

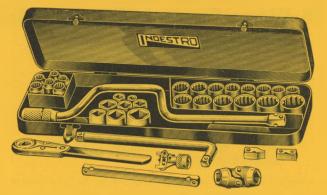
No. 1530F—Same as above except in fibre carton

Price \$3.38 Weight 9 lbs.





36 Piece "12 Point" Master Socket Set



1/2" Square
Drive

A 36 Piece "12 Point" set that fills the requirements of every mechanic. All hexagon sockets size $\frac{7}{16}$ " and larger are 12 Point. Special Carbon Steel is used in the construction of this set and our own special heat treating and hardening process gives the sockets maximum strength as well as utility. All parts are standard $\frac{1}{2}$ " square drive and heavily cadmium plated. The heavy gauge steel case is handsomely finished. The complete set contains the following parts:

Speeder Wrench
L Handle
Heavy Ratchet Wrench
Long Adaptor
Short Adaptor
Valve Grinder
Screw Driver Bit
Universal Joint
5/16" 6 Point Hexagon Socket
11/82" 6 Point Hexagon Socket
7/16" 12 Point Hexagon Socket

½" 12 Point Hexagon Socket 17/32" 12 Point Hexagon Socket 12 Point Hexagon Socket 19/32" 12 Point Hexagon Socket 12 Point Hexagon Socket 21/32" 12 Point Hexagon Socket 11/16" 12 Point Hexagon Socket 14" 12 Point Hexagon Socket 15" 12 Point Hexagon Socket 15" 12 Point Hexagon Socket 15/16" 12 Point Hexagon Socket 1" 12 Point Hexagon Socket 1½6" 12 Point Hexagon Socket 1½8" 12 Point Hexagon Socket 1½4" 12 Point Hexagon Socket 1¾4" 12 Point Hexagon Socket ¾6" 8 Point Square Socket ½2" 8 Point Square Socket ½4" 8 Point Square Socket ¾6" 8 Point Square Socket ¾4" 8 Point Square Socket ¼4" 8 Point Square Socket 1½16" 8 Point Square Socket ½6" 8 Point Square Socket ¾6" 8 Point Square Socket ¾6" 8 Point Square Socket ¾6" 8 Point Square Socket

In green crystal, baked enamel steel container.

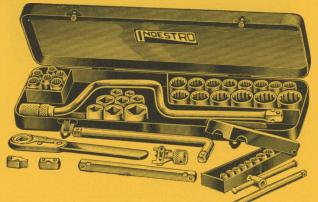
No. 1536—36 Piece "12 Point" Master Socket Set

Weight 13 lbs. 6 oz.

No. 1536F—Same as above except in fiber carton.

Price \$4.36
Weight 10 lbs. 2 oz.

45 Piece "12 Point" Master Socket Set



1/2" Square
Drive

The same set as described and illustrated above, however, without Universal Joint, but with a ten piece Ignition Socket Wrench Set that can be used not only for ignition work but also on carburetors, generators, magnetos, radios, and for many other uses that the larger tools will not handle. This little set consists of No. 1545—45 Piece "12 Point" Master Socket Set

Slide "T" Handle, 6" Extension, 5 hexagon sockets, $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{9}{32}$ ", $\frac{5}{16}$ ", $\frac{11}{32}$ ", and 3 "12 Point" hexagon sockets, $\frac{9}{4}$ ", $\frac{7}{16}$ ", and $\frac{15}{32}$ ". These sockets have $\frac{5}{16}$ " square drive. All 45 tools are heavily cadmium plated, rust proof. Packed in attractive, baked enamel steel box.

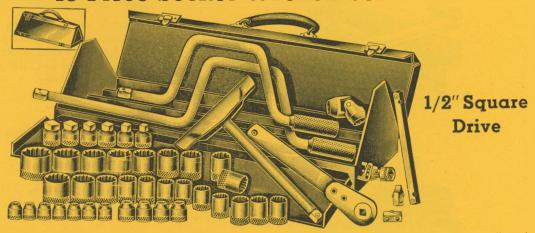
Price \$5.90Weight 14 lbs. 4 oz.

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"Senior" Master 45 Piece Socket Wrench Set



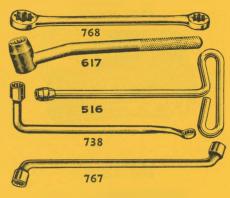
The complete assortment of handles and sockets of this set as well as the attractive "V" type tool box with leatherette handle and nickel plated clasps should make this master wrench set equally popular with the mechanic as with the car owner. Over 800 different tool combinations are possible with all types of handles, adaptors, and sockets in this set. Heavy cadmium plated, rust-proof finish on all tools. Sockets are accurately machined from solid steel bars, heat treated and hardened. Contents:

d and hardened. Contents:

"" Square Socket
"" 8 Point Square Socket
"" " prain Plug Socket
"" Drain Plug Socket
"" " Drain Plug Socket
"" " Drain Plug Socket %16" 12 Point Hexagon Socket %32" 12 Point Hexagon Socket 12" Speeder 20" Speeder 9/16" 12 Point Hexagon Socket 19/32" 12 Point Hexagon Socket 5/8" 12 Point Hexagon Socket 19/32" 12 Point Hexagon Socket 11/16" 12 Point Hexagon Socket 3/4" 12 Point Hexagon Socket 13/16" 12 Point Hexagon Socket 13/16" 12 Point Hexagon Socket 15/16" 12 Point Hexagon Socket 15/16" 12 Point Hexagon Socket 11/32" 12 Point Hexagon Socket 11/32" 12 Point Hexagon Socket 11/32" 12 Point Hexagon Socket Ratchet Handle Combination L-T Handle Short Extension Long Extension Universal Joint Screw Driver Bit Valve Grinder Socket %16" Hexagon Socket
11/32" Hexagon Socket
3/6" Hexagon Socket
7/16" 12 Point Hexagon Socket
1/2" 12 Point Hexagon Socket 24/₃₂" 12 Point Hexagon Socket 1" 12 Point Hexagon Socket 1½" 12 Point Hexagon Socket 1½" 12 Point Hexagon Socket 1¼" 12 Point Hexagon Socket 5/₁₆" Square Socket " Drain Plug Socket 7/16" Drain Plug Socket
 1/2" Drain Plug Socket
 9/16" Drain Plug Socket 17/32" 12 Point Hexagon Socket ' Drain Plug Socket No. 1545V-45 Piece Socket Wrench Set Weight, 17 lbs....

Price \$9.50

Tools Especially Adapted for Ford "V8" Cars



"V8" Wrench Set

This set consists of the five wrenches illustrated and described above, No. 768, No. 617, No. 516, No. 738, and No. 767, packed in a substantial fiber carton.





No. 1207



No. 1209



No. 1211



No. 1212



No. 1216



Handy Socket Sets 1/2" Hexagon Drive

A compact wrench set which may be carried in car pocket or tool kit. Consists of ½", ¾", ½", ½", ½", ½" and ½" "12 Point" sockets and L Handle in hinged cover metal box. All parts carefully hardened and cadmium plated.

No. 1207C—Above Set in Fiber Box. Price \$0.50 $Wt.\ 1\ lb.$

This set contains ½", ¾6", ¾" 1½6", ¾" and ½" "12 point," cadmium plated sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive, slide-cover steel box.

No. 1209—9-pc. Socket Set in Metal Box. Price \$1.10 $Wt.\ 2^{1}\!\!/_{\!\!4}\ lbs.$

No. 1209C—9-pc. Socket Set in Fiber Box.
Price \$0.93
Wt. 2 lbs.

This set contains $\frac{7}{16}$ ". $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{25}{32}$ ", and $\frac{7}{8}$ " "12 point" cadmium plated sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive slide-cover steel box.

This set contains $\frac{7}{16}$, $\frac{4}{16}$, $\frac{9}{16}$, $\frac{19}{32}$, $\frac{11}{16}$, $\frac{11}{16}$, $\frac{25}{32}$, and $\frac{7}{6}$ "12 point" cadmium plated sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive slide-cover steel box.

No. 1212—12-pc. Socket Set Price \$1.25 Wt. 2½ lbs.

This set contains $\frac{5}{16}$ ", $\frac{11}{32}$ ", and $\frac{3}{8}$ " square sockets; $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{8}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", and $\frac{7}{8}$ " "12 point" cadmium plated sockets and combination L-T Handle. Packed in attractive slide-cover steel box.

No. 1216—16-pc. Socket Set......Price \$1.25

20 pc. Socket Set similar to No. 1216 but with ¹⁵/₁₆" in place of 7/8" Socket and addition of Screw Driver Adaptor, Ratchet and Alemite Socket.





Handy Socket Sets 1/2" Hexagon Drive

Designed for convenience as well as appearance. They are furnished with "12 Point" sockets. Every car owner needs one of these sets. Heavily cadmium plated.

The handiest and best value in a wrench set now on the market. Packed in an Indestro display container.

Set consists of six "12 Point" sockets, sizes $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{11}{16}$ ", and $\frac{1}{6}$ " one $\frac{1}{2}$ " handle.

No. 1225—"12 Point" Handy 7 Piece Wrench Set

Price \$0.56

 $Wt. 1\frac{1}{4} lbs.$

The latest type hinged cover metal case with L handle and six "12 Point" sockets: $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{11}{16}$ ", $\frac{34}{4}$ ", and $\frac{1}{36}$ ".

No. 1226—"12 Point" Handy 7 Piece Wrench Set

Price \$0.56

Wt. 11/4 lbs.

A set every mechanic will appreciate. Sockets are accurately sized and plainly marked. Indestro steel container, finished in enamel. 7/16", 1/2", 9/16", 11/16", 11/16", 7/8", and 15/16" "12 Point" sockets, screw driver socket and L handle.

No. 1219—"12 Point" Handy 10 Piece Wrench Set.....

Price \$0.88

Wt. 2 lbs.

A very practical set at a real price, consisting of 6 "12 Point" sockets: ½", ½", ½", ½" a Ratchet Wrench, Screw Driver Adaptor and L Handle.

No. 1229—"12 Point" Handy 9 Piece Wrench Set

Price \$0.94

Wt. 2 lbs.

Attractive and low priced set for car owners. Contains six "12 Point" sockets, sizes: ½", ½", ½", 1½,6", 4", and 4". Ratchet Wrench, Screw Driver Adaptor and L Handle.

No. 1239—"12 Point" Handy 9 Piece Wrench Set

Price \$1.02

Wt. 2 lbs.

One of the best selling sets on the market. Eleven pieces compactly put up in open display case as follows: $\frac{1}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{9}{16}$, $\frac{1}{6}$, "12 Point" sockets, L Handle, Ratchet Wrench and Screw Driver Adaptor Bit.

No. 1235—"12 Point" Handy 11 Piece

No. 1235K—Above Set in 1236 Case Price \$1.20

A new type handy hinged metal display container with Ratchet, L Handle, Screw Driver Adapter and ten "12 Point" sockets as follows: 7/16", 1/2", 17/32", 9/16", 19/32", 5/8", 11/16", 3/4", 7/8", 15/16".

No. 1236—"12 Point" Handy 13 Piece Wrench Set

Price \$1.30 Wt. 2½ lbs.

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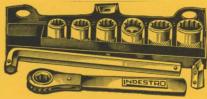
No. 1226



No. 1219



No. 1229



No. 1239



No. 1235



No. 1236

CHICAGO, U.S.A

N. KILDARE AVE. AT SCHUBERT



Sockets and Fittings

1/2" Hexagon Drive

The tools shown on this page are for use only with ½" hexagon attachments, such as used in our various Handy Socket Sets. They are well constructed from carefully selected steel, properly hardened and cadmium plated.

Screw Driver Adaptor



Milled from $\frac{1}{2}$ " Hex. stock and tempered for rough usage. May be used as short extension or screw driver bit. Cadmium plated.

No. 1302—Screw Driver Adaptor.....Price \$0.07

Short Hex Drive Sockets



For use in our Wrench Sets 1207, 1209, 1211, 1212, 1216, 1225 and 1226. Milled from bar steel, properly hardened, and cadmium plated. %" and smaller are 6 point. Larger, 12 point.

No.	Size	Price	No.	Size	Price
1310	5/16"	\$0.05	1320	5/8"	\$0.06
1311	11/32"	.05	1322	11/16"	.06
1312	3/8"	.05	1324	3/4"	.07
1314	7/16"	.05	1325	25/32"	.09
1316	1/2"	.05	1328	7/8"	.10
1318	9/16"	.05	1330	15/16"	.10
1319	19%32"	.05	1309	Alemite	
				Socket	.14

Hex Drive Square Sockets

No.	Size	Price
1310S	5/16"	\$0.05
131 1S	11/16"	.05
1312S	3/8"	.05

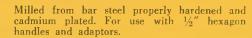
Long Hex Drive Sockets



Similar to those above except slightly deeper. For Wrench Sets 1219, 1229, 1235, 1236 and 1239. All 12 point openings.

No.	Size	Price	No.	Size	Price
1414	7/16"	\$0.05	1420	5/8"	\$0.06
1416	1/2" 17/32"	.05	1422	¹¹ / ₁₆ "	.07
1417	17/32''	.05	1424	3/4"	.09
1418	%16"	.06	1428	7/8"	.10
1419	19/32"	.06	1430	15/16"	.12

Screw Driver Socket





No. 1301—Screw Driver Socket.

Wt, l oz.

Enclosed Type Ratchet



Well made, positive action. Pawl and \cos hardened. Cadmium plated. Length overall, 6%''.

No. 1308—Ratchet Price \$0.26

Weight 6 oz.

Open Type Ratchet



Strongly constructed of accurate stampings, and well machined parts. Free acting and sure. Cadmium plated. Length overall 634".

Hexagon L Handles



A very handy attachment for use with $\frac{1}{2}$ " hexagon drive sockets. Heavily cadmium plated and fitted with a friction ball on each end.

No. 1303—6 $\frac{1}{2}$ " Hex L Handle... Price \$0.15 $\frac{1}{W}t$. 6 oz. No. 1304—7 $\frac{1}{2}$ " Hex L Handle... Price \$0.17 $\frac{1}{W}t$. 8 oz. No. 1305—9" Hex L Handle... Price \$0.22

Combination Hex L-T Handle



A most practical three purpose tool. May be used either as L Handle, T.Handle or Offset Handle. Cadmium plated ½"Hex L Handle and shell.

No. 1306—Combination Hex L-T Handle Price \$0.36

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"Pee-Wee" Socket Sets 3/8" Hexagon Drive



14 Piece "Pee-Wee" Socket Set

The many uses of this compact little set make it a very essential tool kit for the mechanic. The Slide Tee Offset Handle, Spinner Extension, Ratchet with the hexagon opening, Adaptor and 10 differently sized sockets are especially designed for ignition, radio, electrical and household work. All tools are heat treated, tempered and hardened. Size of sockets are as follows: \(\frac{1}{3}2'', \frac{1}{4}'', \frac{9}{5}2'', \frac{7}{16}'', \frac{1}{3}2'', \frac{9}{3}6'', \frac{7}{16}'', \frac{1}{3}6'', \frac{7}{16}'', \frac{1}{4}2'', \frac{9}{16}''. Packed in baked enamel, hinged metal case.

No. 2102-14 Piece "Pee-Wee" Wrench Set. Price \$1.56

12 Piece "Pee-Wee" Socket Set

This set is identical with one described above except it has no ratchet and adaptor. Weight, 11/4 lbs.

No. 2101-12 Piece "Pee-Wee" Wrench Set_Price \$1.20

9 Piece "Pee-Wee" Socket Set

This set contains Slide Tee Offset Handle and Spinner Extension as well as seven Sockets of the most popular sizes as follows: $\frac{9}{2}2''$, $\frac{5}{16}i''$, $\frac{11}{32}i''$, all in maked enamel, hinged metal case. Weight, $\frac{11}{3}$ lbs.

No. 2100-9 Piece "Pee-Wee" Wrench Set....Price \$1.08

"Pee-Wee" Ratchet Wrench

A substantially built ratchet wrench with case hardened gear and pawl. Has the hexagon opening in ratchet head and ½" square opening in handle end. Length 5½". Weight, 4 ozs.

No. 674-3/8 H-"Pee-Wee" Ratchet Wrench.... Price \$0.42

Spinner Extension

A 434'' extension with revolving grip, which, when used with slide T Handle and sockets below, make up a very practical unit for fast assembly work.

No. 2170—Spinner Extension——Price \$0.24

Slide T Handle

Short Hex Extension

For use with "Pee-Wee" ratchet and sockets. 3/8" Hex. 3/8" long. Carefully bardened.

No. 2172-Short Hex. Extension......Price \$0.10

"Pee-Wee" Hex Sockets

No.	Size	Price	No.	Size	Price
2107	7/32" 1/4"	\$0.06	2112	3/8″ 7/16″ 15/32″	\$0.08
2108	1/4"	.06	2114	746"	.09
2109	9/32"	.08	2115	15/32"	.09
2110		80.	2116	1,2"	.09
2111	1169"	.08	2118	9/4011	0.0

Refrigerator Ratchet Wrenches



These ratchets are identical in every respect with the one illustrated in our "Pee-Wee" Socket Set except they have ½" or ½16" square opening in ratchet head to fit valve stem for adjusting expansion valves on refrigerators.

Ignition and Radio Socket Set 1/4" Hexagon Drive



Here is one of the most adaptable and compact little handy sets on the market for use on automobile ignition, as well as radio work. Set consists of eleven pieces, put up in convenient green enameled steel case, as follows: 6½" wood grip handle, 4" L handle, \$\frac{1}{2}\$ extension adaptor, \$\frac{1}{2}\$", \$\frac{1}{2}\$", \$\frac{1}{2}\$", \$\frac{1}{2}\$", \$\frac{1}{2}\$", \$\frac{1}{2}\$", \$\frac{1}{2}\$" hex sockets, \$\frac{1}{2}\$ round knurled socket, and \$\frac{1}{2}\$" adaptor, \$\frac{1}{2}\$" and \$\frac{1

Indestro Socket Wrench Set 1/4" Hexagon Drive



Sockets fit snugly over the shaft, firmly held in place. Makes a sturdy, light, easily handled socket wrench. Hex. sockets, six sizes, screw driver bit.

Sizes 14. 14. (Rd. knurled), 5/16", 1/2".

Sockets and Attachments for Above Sets

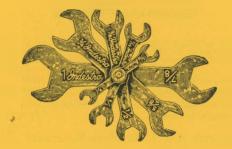
No. 303—Screw Driver Socket for 3F Set......Price \$0.08
No. 304—3¾" Extension Adaptor for 11M Set. Price \$0.16

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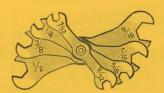




No. 110



No. 109



No. 112



No. 125



No. 111



Nut and Tap Wrenches

Stamped from special grade steel, heat treated and hardened.
Cadmium plated finish.
Wrench openings, ¼" and ½6". Tap Wrench opening, ½2".
Thickness, ½". Length, 3¼".
No. 101 Price per 100 \$3.40
No. 101 Price per 100 \$3.40 Wrench openings, $\frac{3}{8}$ and $\frac{7}{16}$. Tap Wrench opening, $\frac{7}{32}$.
Thickness, 5/32". Length, 4".
No. 102 Price per 100 \$4.80
Wrench openings, $\frac{1}{2}$ and $\frac{9}{16}$. Tap Wrench opening, $\frac{1}{4}$.
Thickness, 11/64". Length, 4
Thickness, 11/64". Length, 41/4". No. 103
When he are in a 5/" and 3." Ton When he are in a 9/."
Thickness, 346". Length, 57%.
Thickness, % ₁₆ ". Length, 57%. No. 104
Wrench openings, \(\gamma_{\text{s}}'' \) and 1". Tap Wrench opening, \(\frac{\text{s}}{\text{s}} \).
Thickness, 3/6". Length, 6%"
Thickness, %6". Length, 6%" No. 105Price per 100 \$11.00
No. 110—Set of 5 Wrenches described above fastened
together with bolt and nut
Weight, 1 lb. per set
4 Pc. Wrench Set similar to that above with openings 7/32"
and \%2", \\\4" and \\%16", \\\4" and \\%16" and \\\\4" and \\%16".
No. 109 Price per 100 \$13.70
Wt.4 oz.
3 Pc. Wrench Set similar to above, omitting 7/32" x 1/32" Wrench.
No. 108 Price per 100 \$11.40
1100 por 100 φ11110

Nut and Rethreader Wrenches

Stamped from a special grade of steel, heat treated and hardened.
Wrench openings, \(\frac{1}{4}'' \) and \(\frac{5}{16}'' \). Rethreads bolts \(\frac{3}{16}'' \) x32.
Thickness, \(\frac{1}{8}'' \). Length, \(3^{1}\frac{1}{4}'' \).
No. 115Price per 100 \$7.00
Wrench openings, 3/8" and 7/16". Rethreads bolts 1/4"x28.
Thickness, 5/32". Length, 4".
No. 116 Price per 100 \$9.00
Wrench openings, ½" and ½". Rethreads bolts ½6"x24.
Thickness, 11/64". Length, 47/8".
No. 117Price per 100 \$11.00
No. 117 Price per 100 \$11.00 Wrench openings, % and % Rethreads bolts % "x24.
No. 117
No. 117 ——————————————————————————————————
No. 117 — Price per 100 \$11.00 Wrench openings, % and Rethreads bolts % "x24. Thickness, %46". Length, 5%". No. 118 — Price per 100 \$13.00 Wrench openings, ½" and 1". Rethreads bolts ½6"x20.
No. 117 — Price per 100 \$11.00 Wrench openings, % and % Rethreads bolts % "x24. Thickness, % 6". Length, 5%". No. 118 — Price per 100 \$13.00 Wrench openings, % and 1". Rethreads bolts % 16"x20. Thickness, % 16". Length, 6%".
No. 117 — Price per 100 \$11.00 Wrench openings, % and % Rethreads bolts % "x24. Thickness, % 6". Length, 5% ". No. 118 — Price per 100 \$13.00 Wrench openings, % and 1". Rethreads bolts % "x20. Thickness, % 6". Length, 6% ". No. 119 — Price per 100 \$15.00
No. 117 ——————————————————————————————————
No. 117 — Price per 100 \$11.00 Wrench openings, % and % Rethreads bolts % "x24. Thickness, % 6". Length, 5% ". No. 118 — Price per 100 \$13.00 Wrench openings, % and 1". Rethreads bolts % "x20. Thickness, % 6". Length, 6% ". No. 119 — Price per 100 \$15.00

Tappet Wrenches

Wrench openings, 7/16" and 1/2". Length 41/4".
No. 126Price per 100 \$6.00
Wrench openings, $\%_{16}$ and $^{19}\%_{32}$. Length $^{43}\%_{1}$.
No. 127Price per 100 \$8.00
Wrench openings, 11/16" and 14". Length 51/2".
No. 128Price per 100 \$10.00
Wrench openings, 34" and 38". Length 638".
No. 129Price per 100 \$12.00
Wrench openings, ¹⁵ / ₁₆ and 1". Length 71/4".
No. 130Price per 100 \$14.00
No. 125—Set of 5 Wrenches described above in
cartonPrice per set \$0.40
Weight 1 lb per set

Price \$0.50 Weight, 3/4 lb.





Flat Box End Wrenches

Made of high grade steel, hardened and tempered by our own process to stand hard wear. Finished in Cadmium to resist rust.

No.	Length	Openings	Price Each
140	5"	3/8"×7/16"	\$0.07
141	5½"	½"x ⁹ / ₁₆ "	.07
142	6'' ⁻	5/8"x11/16"	.09
143	61/3"	3/4"x25/32"	.09
144	7''	$^{13}/_{16}''_{x}7/_{8}''$.13
145	7½"	¹⁵ / ₁₆ "x1"	.15



Consists of four wrenches only, viz.: No. 140, 141, 142, and 143 listed above, fastened together with bolt and wing nut.

Combination Open End and Box End Wrenches

Stamped from a special grade of steel, hardened and tempered to obtain extreme toughness. Cadmium plated, rust resisting finish.

No.	Length	Openings	Price Each
150	5"	5/16"x3/8"	\$0.07
151	5½"	$\frac{7}{16}$ "x $\frac{1}{2}$ "	.07
152	6"	9/16"x11/16"	.09
153	61/2"	5/8"x25/32"	.09
154	7′′	3/4"x ¹³ /16"	.13
155	71/2"	7/2"x15/1c"	.15

No. 157—Complete set of 6 wrenches described above fastened together with bolt and wing nut Price \$0.56

Wt. 11/4 lbs. per Set

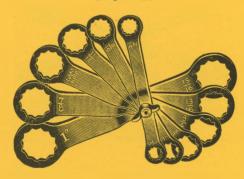
No. 158 Combination Open End and Box End Wrench Set

Consists of four Wrenches only, viz.: Nos. 150. 151, 152 and 153 listed above, fastened together with bolt and wing nut.

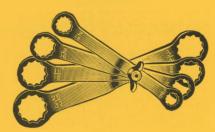
No. 158—Open End and Box End Wrench
Set Price \$0.32

Wt. 1/2 lb. per Set

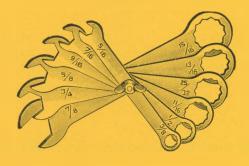
No. 147



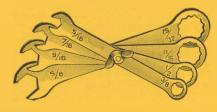
No. 148



No. 157



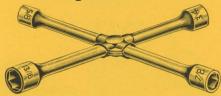
No. 158







4-Way Rim Wrench

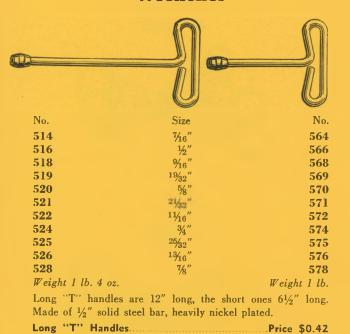


A sturdy forged wrench with deep sockets % , % , $1\%_{16}$, and % . Will fit rim and hub bolts on nearly all cars.

Weight 21/2 lbs. each

No. 635-4-Way Rim Wrench

Long and Short "T" Handle Wrenches



12 Point Connecting Rod Wrench



This 12 point double hexagon head wrench has a Chrome Vanadium Steel head, accurately machined and of proper design to do this important and difficult task. Handle is 9" long, made of special analysis steel and offset at the right angle so as to give proper clearance and maximum utility.

The 9/16" twelve point socket fits connecting rod bolt heads of Chrysler 6 and 8, Dodge 6 and 8, Plymouth 4 and 6 and Chevrolet 6 models 1930 to 1934 inclusive; also 6 and 8 cylinder Pontiacs 1926 to 1934 inclusive. Wt. 1 lb.

No. 608..... Price \$0.54

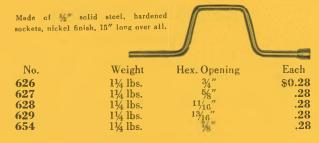
Rim Wrenches



Solid steel, $\frac{1}{2}$ " diam. Revolving handle, hardened socket. Nickel plated. 8 sizes, length 16 inches over all.

No.	Weight	Hex. Opening	Each
0626	1 lb. 5 oz.	3/4"	\$0.48
0627	1 lb. 5 oz.	%″	.48
0628	1 lb. 5 oz.	11/16	.48
0629	1 lb. 5 oz.	13/16	.48
0654	1 lb. 5 oz.	76"	.48

Rim Wrenches



Speed Wrench



Main Bearing Wrenches



This 12" wrench with 11/16" and 3/4" twelve point openings is especially useful for main bearing and cylinder head bolts on: Chevrolet 6 and Pontiac 8, 1933 and 1934, Chrysler 6 and 8, Dodge 6 and 8 and Plymouth models 1930 to 1934 inclusive. Drop forged Chrome Vanadium steel attractively finished in bright satin nickel with polished ends.

No. 749—11/16" x 3/4" Main Bearing Wrench....Price \$1.26

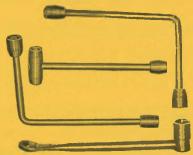
No. 739—5/8" x 3/4" Main Bearing and Cylinder Head Wrench for Chevrolet 6 models up to and including Wrench for Chevrolet 6 models up to and 1932 inclu-1932 and Pontiac 6 models 1928 to 1932 inclu-Price \$1.26

Weight 1 lb.

Short "T" Handles



Set for Chevrolet "4" Cars



Triple Socket Wrench fits oil pump. Bendix drive transmission, axle housing, hand bolts, etc. Hexagon openings 1/2" x 5/8" x 1/4".

No. 631—Triple Socket Wrench Price \$0.42

Weight 12 oz.

L Wrench for connecting rods, cylinder head bolts, fly wheel, cap screws, manifolds, etc. Openings 3/4" and 3/4" hexagon. No. 606—L Wrench, Weight 1 lb. Price \$0.42

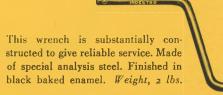
Weight 11/4 lbs.

Box End Wrench 136 hexagon openings for Chevrolet 4 main bearings.

No. 624—Box End Wrench Price \$0.60

Crank Handles and Wheel Wrenches

Weight 1 lb.



No. 601—Crank Handle and 3/4" Rim Wrench for Chevrolet cars Models 1925-27 and 1931-2.... \$0.40

Weight 2 lbs.

No. 602—Crank Handle only for Chevrolet cars.

Models 1929-30 Price \$0.36

Weight 31/4 lbs.

No. 603—Crank Handle and 3/4" Rim Wrench for Chevrolet cars. Models 1928 and 1933. Price \$0.42

Weight 2 lbs.

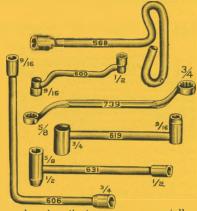
Chevrolet Spindle Bushing Tool



Strong, tempered and hardened steel tool, designed for removing and replacing Chevrolet Spindle Bushings. It can be used without the collar on spring bushings of all 1925 to 1929 cars, on brake bushings on all 1927-29 as well as on starter housing bushings on all models up to 1933 Chevrolet cars. May also be used on Pontiac Six 1928-29-30-31-32 and eight 1933.

No. 2023—Chevrolet Spindle Bushing Tool.....Price \$0.45 Weight, 1 lb.

Chevrolet "6" Wrench Set



The six wrenches described below are especially adapted for the Chevrolet "6" and are suitable for both the car owner and mechanic. All wrenches are carefully designed for both utility and strength. No. 739 is drop forged chrome-vanadium steel, the others are made from special analysis solid har steel.

No. 739—Forged Double End 12 Point Box Wrench
Size 5/8" x 3/4" for Main Bearings, 12" long. Price \$1.26
Weight 1 lb.

Chevrolet Hub Cap and Water Pump Wrench



Made of heavy gauge steel cadmium plated, 3" and 1" openings. Especially designed for Chevrolet 1929 and 1930 hub caps and also for all

models including 6 cylinder water pumps up to and including 1934.

Weight, 8 oz.

No. 405.

Price \$0.24

Chevrolet Fan Belt and Water Pump Wrench



For all 6 Cylinder Chevrolets to adjust Fan Belt and Water Pump Packing Nut. Openings ½"x1". Made of heavy gauge steel, heat treated and hardened. Blue mottled finish.

No. 406 Price \$0.24

Weight 1/4 lb.

PRINTED IN U.S.A

MFG. CORP



Wrenches and Tools for Ford "A", "B" and "V8"

Model "A" and "B" Ford Set



This set is designed especially for model "A" and "B" Fords. It is made of cold rolled steel and nickel plated. Openings are correctly sized and plainly marked. Set of five wrenches packed Weight, 61/2 lbs in cardboard container. No. 6005FA-Set of 5 Wrenches... Price \$2.52

The above set is made up of 5 Wrenches as follows:

Triple opening wrench, ½ in. and 5/8 in. hexagon opening same end, % in. hexagon opening opposite end: for spring clips, exhaust pipe bracket, valve cover, timing gear side plate, brake rod connection, water inlet, bumper, Weight, 1 lb engine perch support. Price \$0.42

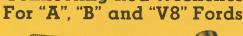
Double-end socket wrench, 34 in. hexagon and 3/16 square Weight, 11/2 lbs openings; for main bearing. Price \$0.58

Double-end socket wrench, 7/8 in. and 3/4 in. hexagon openings for spring clips, front and rear engine perch, fastening bumper to frame, radius rod, front and rear radius rod ball cap. Weight, $1\frac{1}{2}$ lbs. rod ball cap.

Quadruple opening wrench, 11/16 and 1/8; 11/16 and 1/2 in. hexagon openings for universal joint, fly wheel housing, cylinder head, brake rod arm, rear transmission housing.

Weight. Price \$0.48 T-handle connecting rod wrench; $^{21}/_{32}$ in. hexagon opening, 12 in long. Weight, $^{11}/_{2}$ lbs.

Connecting Rod Wrenches





This 21/32" "12 Point" wrench is adapted for connecting rod bolt on Model "A" and "B" Fords. Price \$0.45 %16" "12 Point" extra thin nose Chrome Vanadium Steel Connecting Rod Wrench for V8 Ford, Weight, 1 lb. Price \$0.54

Spindle and Spring Perch **Bushing Tool**



A heavy heat treated, tempered and hardened steel tool designed for removing and replacing bushings for steering spindle and spring perch in Models "A," "B," "V8-18" and "V8-40" Ford cars. The rugged construction, good design and owner. Blue mottled finish. Each tool packed in individual container Weight, 1 lb. No. 2022 Price \$0.45

Ford Manifold and Head Wrench



No. 738-Manifold and Head Wrench.

Ford Brake Adjusting Wrench



Drop forged carbon steel wrench with ample leverage for

Ford Main Bearing Wrench



A forged Chrome Vanadium Steel wrench with accurately machined sockets %16" "8 Point" square and 34" "12 Point" hexagon openings. Duplex finished. For main bearings in Ford "A," "AA," "B," "BB," and "V8." Weight, 114, lbs. No. 767-Main Bearing Wrench.

Crank Handle and Wheel Wrench

This crank and hexagon wrench is substantially constructed to give reliable service. Made of special analysis steel. Finished in black haked enamel. Weight, 2 lbs.



No. 604-Model "A" Ford Crank Handle and 13/16" Rim Wrench. Price \$0.42

Crank Case Wrench

This "T" Handle Wrench is 12" long made of ½" cold rolled steel and is fitted with a special thin nose length hexagon socket, especially designed for removing bolts from the crank case of the Model "A" Ford car and is a very valuable wrench when doing this job. Wt., 11/2 lbs. No. 516--1/2" Hexagon "T"

Crank Case Wrench.....Price \$0.42



Ford "A" Water Pump Wrench



For adjusting packing nut on water pump of Model A Ford cars. Stamped from heavy steel hardened and plated. Weight, 2 lbs. Per Dozen.

No. 521..

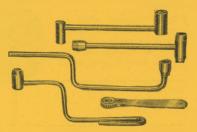
Price \$0.42



Weight 5 lbs.

Weight 8 oz.

Model "T" Ford Set



A very useful set for "T" Fords. Set consists of five wrenches No. 6005-FT. Price \$1.65

Double Socket Wrench for brake shoe support, transmission cover, etc. 9 n and 3 4" hexagon opening, 9" long. Price \$0.36 No. 619-Double Offset Wrench..... Weight 11/2 lbs.

Triple Socket Wrench 9" long, * 12" and 5%" hexagon openings. Fits most important bolts and nuts. No. 633-Triple Socket Wrench..... Price \$0.42

Weight 1 lb. Fly Wheel Wrench with 11/16" hexagon opening, 13" long. Quite necessary for fly wheel bolts.

No. 612-Fly Wheel Wrench... Price \$0.36 Weight 1 lb.

Transmission Band Ratchet for adjusting transmission and brakes. 11 Hexagon opening. No. 671—Transmission Ratchet Price \$0.24

Connecting Rod Wrench special shape to reach all rods. " Hexagon opening.

No. 611-Connecting Rod Wrench..... Price \$0.27

Heavy Duty Socket Wrench for Ford Cars



A triple socket offset wrench. Hex. openings 15/16", 7/8" and 11/16", for use on drive shaft pinions, front spring clip, hub bolts and nuts, radius rod, near hub, lock nuts, spindle arm and body bolts. Built for heavy work. Hardened sockets, nicely nickeled. Weight, 1 lb., 6 ozs.

Model "T" Main Bearing Wrench

9'16" square socket, 11" long over all. Fits into head of main bearing holts. Extra strong and spe-cial shape to make getting to the main bearing holts easy. Hardened socket, finely nickeled.

Weight, 14 ozs.

No. 613. Price \$0.36

Model "T" Ford Wrench



Made of heavy gauge steel hardened and tempered. Will not round off at edges. Best wrench of this type on the market. Hexagon openings 31,32,4,11/8, and 15/8. Oval opening 11/4. No. 400B Price \$0.13

Bushing Remover Set

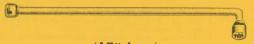
For removing and replacing old bushings on Model T cars. Well made, inexpensive time and trouble savers. Insert in bushing, expanders slide over bushing, which is then easily removed.

No.	Price
1650—Set, Weight, 1 lb	\$0.72 Set
1651—Spindle Body Bushing	
Remover	\$0.24 Each
1652—Spindle Arm Bushing	
Remover	\$0.24 Each
1653—Piston Bushing Remover.	\$0.28 Each



Weight 6 oz.

Combination Brake and Shock Absorber Adjusting Wrench



(17" long)

This tool is substantially made from solid bar steel with accurately machined socket to fit the adjusting screw for Ford "A" Shock Absorbers as well as a special "A" double square eight point Chrome Nickel Steel Socket to take care of adjusting screw of the brakes on Ford "A," "B," "V8-18" and "V8-40," enabling adjustments to be made without getting under car. Highly nickel plated.

No. 614A—Combination Brake and Shock Absorber Wrench. Price.....

Ford Piston Pin Tools



To properly insert Piston Pins on Ford cars, it is absolutely necessary to have some special tool, so as to do the job quickly and conveniently. Heat treated, tempered and hardened. Blue mottled finish, with polished ends. Weight 2 lbs.

Price \$1.02

No. 2024-V8-Piston Pin Tool for Ford "V8-18" and "V8-40" Price \$1.02

N. KILDARE AVE. AT SCHUBERT CHICAGO, U.S.A.



Standard Knockout Wheel Pullers

Accurately Machined — Heat Treated Tempered-Hardened

"Stubby"
Knock-Outs



Both our Standard Knock-Out and "Stubby" Knock-Out wheel pullers are accurately machined from special analysis steel, properly heat treated, tempered and hardened. "Stubby" Knock-Outs only are provided with vent hole, thus insuring proper contact with axle. In the following table we show most of the cars and trucks they will fit, but space does not permit listing them all.

		listing them all.	and theks they will fit, bit		FRICE
No. 20 Size ⁵ / ₈ "x18 Price \$0.18 Weight 10 ozs.	FORD—Model T up to 1928, AB V8-18 V8-40 V8-46 CHEVROLET—490 and up to 1924	Essex-1924 to 1930	STAR—F M R 4 and 6 1925-28, 70 1929 AUSTIN—All Models		No. S-20 Size 5/8"x18 Price \$0.15 Weight 5 oz.
No. 24 Size 3/4"x16 Price \$0.18 Weight 10 ozs.	Late 1932 use KO-26 Chrysler—50-52 1926-28, 8 Cyl. 1930, CM 1931-32,	Dodge Graham Truck— SE F10 UF10 1929-32, HC HCL 1933, KC KCL	1930-32 GRAHAM PAIGE—6-12 1929- 30, 45 Spec. 6, 46 Std.		No. S-24 Size 3/4"x16 Price \$0.14 Weight 5 oz.
No. 24C Size ¾"x20 Price \$0.18	TERRAPLANE—1932-34 Hudson—1934 Eight				
No. 26 Size 13/16" x 16 Price \$0.18 Weight 10 ozs.	CHEVROLET—BA Late 1932, Early BA use KO-24	BB Light Delivery // Ton Late 1932, Early BB use KO-24			
No. 28 Size 7/8" x14 Price \$0.18 Weight 10 ozs.	1929, 6-85 1930, 88 8-90 6-80 8-95 6-85 1928-30, 6-85 1930, 6-66 8-77 1927- 28, 8-98 8-98A 1931-32 without dual ratio, 12 Cyl. 1932 without dual ratio BUICK — 120" WB Cars 1927-28, 121" and 129" WB 1929, Series 50 to 59 and 60 to 69 1930, 8-80 8-90 1931, Ser. 60-80-90 1932 CHRYSLER—65-75 1928-29, 70-77 1929-30, 70 6 Cyl. 1931-32, 8 Cyl. 1931-32- 33, 60 and 62—58 1925- 27, Imp. and DeLuxe 1931-32, CT, Royal 8 1933, CU, CV, Imp. 8 1934 DODGE—Standard and Victory 6 Fast 4 1927-28, DK-8 1932, DO-8 1933 BLCAR—6-75 1926-29, 6-75A 1930 BRSKINE—6 1930	HENNEY—20-24 1929 HUBSON—All 6 Cyl. Models 1921-30 HUPMOBILE — All Models 1927-34 JORDAN—J JE JJ 1926-29, E80 Std. Line U 1930, 6-70 1927-28 KISSEL—6-70 1927-28 KISSEL—6-70 1927-28 MARMON—Light 8 and L 1927-28, 78 1928-29, 68 1928-29, 8-69 1930, 70 1931 MOON—6-60 6-70 1926-29, 6-72 1927-29, 8-92 1929 NASH — Special and Ad-	per 1926-31, 4A 91 92 93 93A PACKARD1932-34 PBERLESS125 8 Cyl. 1929, 6-81 0-61 0-61A 6-60 61 1927-30, A Std. Str. 8 1930-32 PONTIACAll Models 1929-32 ROCKNE1932-33 ROOSEVELT8 Cyl. 1929-31 STUDBEAKER-Com. 6 1929-30, Diet. 8 1929-32, 6 Cyl. 1930-31, 4 Cyl. Light 6 Std. 6 Diet. 1919-29, 6-55 6-56, 8-62, 8-73, 8-71, 8-82, 1932-33, A-Diet., B-Com. 1934 STUTZSeries AA 1926-28, BB 1928-30, M MB 1929-31 WILLYS KNIGHT 70 A Spec. 6 1927-28, 97-98D 1931, 95-97 6-90 1932. 56	1930-31, 98 1932, 8-80 1931 WINDSOR MOON—6-72 1929, 8-92 1930 TRUCKS CHICAGO—AX 1927-28 DODGE GRAHAM—D-E Ser. 1927-29, C Ser. D Ser. 1926-30, E Ser. B Ser. 1926-30 INTERNATIONAL TRUCKS—C1 DI 1932-34 OVERLAND—96A ½ Ton 1928-30 STUDEBAKER—SI Ser. ½- 1½ Ton 1931, Del. Truck 1929-30 WILLYS KNIGHT—T100 T101 1928-29 WILLYS OVERLAND—C113 1931-32 YELLOW—TZ Knight 1926-28	No. S-28 Size 7/8"x14 Price \$0.14 Weight 4 oz.
No. 28B Size 7/8" x 18 Price \$0.18	Weight 10 nzs Essex—Cha Pacemaker	llenger Super 6 Hudson - 5 1930-32 maker 1930	Super 8 Pace- 0-32-33		
No. 32 Size 1"x14 Price \$0.18 Weight 12 ozs.	147" WB 1927, 115 1928- 29, 6-85 1930, 120 1929, 125 1930, 12-160 8-100 1932-33 with dual ratio, 8-88 1926-28, 6-85 1930 12-161 12-161A 12-165	Henney—10-14 1929 JORDAN—G-90 Great Line 1930 Kissel — 6-55 8-65 1927, 80 1928, 6-54 8-74 54B 74B 1927-29, 8-80 8-95 1928-29 LA SALLE—350 Str. 8 1934 LAFAYETTE—Six-1934 MARMON—79 1930-31, 125 1932 NASH—1060 1070 1932 OLDSMOBILE — All Models 1924 to 1934 PACKARD—All Models 1927 to 1931, 901 902 903 904 1932 PEERLESS — 6-90 1926-29,	REO-1927-34 STUDBBAKER-Big 6 Spec. 6 1919-26, Pres. 6 1924-28, Comm. GB-GH 1927-28, Pres. 8 1928-32, 8-91 8-92 1932-33, C-Pres. 1934 VILINE-50 1927-28 VIKING-V-29 8 Cyl. 1929-30 WILLYS KNIGHT-66A Great 6 1927-28, 56 1929, 64 6-66 1923-28, 66B 1929-31 WOLVERINE-1927 YELLOW CAB-05S 1925-27, 06 1926-29 TRUCKS BROCKWAY-Junior 2 and 4 JR JF JFR 60 65 70 1928-31	1932-34 G.M.C.—T11 1930, T-19 1926-29 INDIANA—300 200 74 11 IIX 611 1926-30 INTERNATIONAL — LD SPD AWI 1926-32 REO — BA JR15 B2 Spd Wag DA DC DF 1928-30 STUDBBAKER—Seminole 154" WB 1928-29 WILLYS KNIGHT—G101 T103 1929-31 WILLYS OVERLAND—6-C101 1930-32 CHEVROLET—34 34 1 Ton	No. S-32 Size 1"x14 Price \$0.14 Weight 5 az.





STANDARD KNOCKOUTS

Knock-Out Wheel Puller Guide

"STUBBY"
KNOCKOUTS

No. 36 Size 11½1bz. Price \$0.44 Weight 1½1bz. No. 40 Size 11½1bz. No. 40 No. A-40 Size 11½1bz. No. A-40 No.	MOCROC			or ration	- C.	OCTOOLD
No. 40 Size 11/4"x7 Price \$0.44 Weight 11/2 lbs. ACORN-19 1 Ton 1927 ARMLEDER-30 1928-29 ATTERBURY-24R 27R 1928 BROCKWAY-S-23 to 28-30- 31 1928, S-30 S-K12 16 1929, S-31 1930 COMMERCE-Super 11 SD-11 1926-29 ATTERBURY-24R 27R 1928 ACORN-19 1 Ton 1927 ARMLEDER-30 1928-29 ATTERBURY-24R 27R 1928 BROCKWAY-S-84 COMMERCE-Super 11 SD-11 1926-29 ATTERBURY-24R 27R 1928 BROCKWAY-S-SK 1924-27, T56C 1924-27, T3 T5 T7 Size No. A-40 Size Size ACORN-19 1 Ton 1927 ARMLEDER-30 1928-29 ATTERBURY-24R 27R 1928 DODGE GRAHAM A-B-C-GRAMM BRINSTEIN—115 NOBLE—146A 1928 NOBLE—146A 1928 SELDEN—19 1-Ton 1927, 18 Pass. Bus 1926-29 INDIANA—400 1928-30, 111 SPANS. Bus 1926-29 ATTERBURY-24R 27R 1928 GRAHAM BROS.—See Dodge ATTERBURY-24R 27R 1928 BROCKWAY-S-SK 1924-27, T56C 1924-27, T3 T5 T7 29, 463N 1928-29 STEWART-Buddy Six 1924-27, 28, 30, 30X 1930-31, 40 XA 1932, 42X 1933-34 No. S-A40 Size TTW 1929, T3W T8 1930 1931	Size 1½8"x12 Price \$0.44 Weight	50 to 69 1930, 80 to 99 1931-32, Master 6 1925-28, 8-80 8-90 Series 1933-34 CADILLAG—1929-34 ELCAR—6-70 1927, H96 1930 GRAHAM PAIGE—6-15 Late 1929-30, Spec. 6 1930, 42	1932-34 HENNEY	1926-28 PRERLESS—C Custom Str. 8 1930-32 STUTZ—Blackbawk 6 and 8 1929-30, LA 6 Cyl. 1931 TRUCKS CHEVROLET—1 1½ Ton 1930 REO—FA FB FF FE 133"	1927-31, FA FB 1927-28 CHIGAGO — 1 Ton 1925-26, Late 1926 Model 10 and AX 1927-28 use Knock- Out KO-32 G.M.C.—K-16 1916-24	
ARMLEDER—30 1928-29 CORBITT—40 C 44 1927 GRAHAM BROS.—See Dodge FKX FHX FAX 1932 ATTERBURY—24R 27R 1928 DIAMOND T — T2 T3 T5 GRAHM—263N 363N 1926- BROCKWAY—S-SK 1924-27, T56C 1924-27, T3 T5 T7 29, 463N 1928-29 1926-29 S-31 1930, S-23 to 28-30-31 T36 T56 1928-29 HUG—1½ Ton 1925-27 STEWART—Buddy Six 1924- 1928, S-K12 16 1929 S-31 FEDERAL — T8 T3W T22 1930 T7W 1929, T3W T8 1930 1931 Sixe CHEVROLET—L S 1930, LT FISHER—F, Merc. Rx. 1931 ARMLEDER—30 1928-29 CORBITT—40 C 44 1927 GRAHAM BROS.—See Dodge FKX FHX FAX 1932 REPUBLIC—50 75 76 1926-29 1926-29 1926-29 STEWART—Buddy Six 1924- Sixe 1931 No. S-A40 Sixe 1931 No. S-A40 Sixe 1931	Size 1½"x7 Price \$0.44 Weight	ACORN—19 1 Ton 1927 ARMLEDER—30 1928-29 ATTERBURY—24R 27R 1928 BROCKWAY—S-23 to 28-30- 31 1928, S-30 S-K12 16 1929, S-31 1930 CLYDESDALE—9 1928 COMMERCE—Super 11	T36 T56 1928-29 DDDGE GRAHAM — A-B-C D-E Series 1923-30 FEDERAL—A6 1928-29, T2W T6W T3W T7W T21 T22 T8 1928-29 GARFORD—30 30-6 1924-28	30C 1925-28 Gramm Bernstein—115 .115-S 1926-28 Hug—20-21 1927-28, 22 1929-31 Indiana—400 1928-30, 111 6111 1926-28 King Zeitler—40 1924-27,	LeMoon—H20 H21 1928 Noble—146A 1928 Selden—19 1-Ton 1927, 18 Pass. Bus 1926-29 Service—S11 1927-28 Stewart—28X 24 24X 18	
	Size 1½"x12 Price \$0.44 Weight	ARMLEDER—30 1928-29 ATTERBURY—24R 27R 1928 BROCKWAY—S-SK 1924-27, S-31 1930, S-23 to 28-30-31 1928, S-K12 16 1929 S-31 1930 CHEVROLET—L S 1930, LT 1½ Ton 1931, Single Wheel Trucks 1932 and 1933, M. O. Dual Wheels L 1931-2-3 PA, PB, PC, PD 1934 CHICAGO—15W 20 1925-27 CLYDESDALE—9 1924-28 COMMERCE—14 14B S-14	DIAMOND T — T2 T3 T5 T56C 1924-27, T3 T5 T7 T36 T56 1928-29 FEDERAL — T8 T3W T22 T7W 1929, T3W T8 1930 FISHER—F. Merc. Ex. 1927-31 FORD—AA and BB 1929-33 GARFORD—30 30-6 1924-28 G.M.C. — T-18 1932, T-30 1½-1¾2 T T0 1929-30, T-30 T-44 1930-31 T-40 A3 C-D-E 1927-28, T-50 1927-29, T-42 1928-29	GRAMM—263N 363N 1926-29, 463N 1928-29 HuG—1½ Ton 1925-27 INDIANA—115 1929-31, 615 1931 INTERNATIONAL—Six Speed Spec. 1928-31, AW2 Six Speed Spec. 1931-32, S24 S26 SD SL34 SF34 1925- 31, AL3 ALF3 1931-32, A2 B2 1931-32 MACK—8 AC 1929-30	REPUBLIC—50 75 76 1926-29 STRWART—Buddy Six 1924- 28, 30, 30X 1930-31, 40 XA 1932, 42X 1933-34 STUDEBAKER—75 75JR 76 77JR 184" WB 1928-29 WILLYS KNIGHT—15 16 1½ Ton 1928-29, T20 T21 1927-29 YELLOW—Y-29 Pass. 1927-28	Sixe 1½"x12 Price \$0.24 Weight

WHEEL PULLER GUIDE FOR

INDESTRO KNOCK-OUTS

in Alphabetical Order for all Passenger Cars and Trucks

Name of Cars (Passenger)	MODEL OR YEAR	Knock-Out Wheel Puller Number	Name of Cars (Passenger)	MODEL OR YEAR	Knock-Ou Wheel Puller Number
A USTIN	All Models	20	Du Pont	DE 1928, G 1929	32
AUBURN	76 1928, 6-80 1929, 6-85 1930, 88- 8-90 6-80		DUBANT	6-17 1930	20
	8-95 6-85 1928-30, 6-85 1930, 6-66 8-77 1927-		DURANT	6-14 1930, 6-10 6-12 1931, 6-19 6-21 6-22 1932	24
	28, 8-98 8-98A 1931-32 without dual ratio,			6-75 1926-29, 6-75 A 1930	28
	12 Cyl. 1932 without dual ratio.	28		8-82 1928, 8-95 1929	32
UBURN	8-88130" and 147" WB 1927, 115 1923-29,		ELCAR	6-70 1927, H96 1930	36
	6-85 1930, 120 1929, 125 1930, 12-160 8-100		Ensking	6 1927-29	24
	1932-33 with dual ratio, 8-88 1926-28, 6-85		ERSKINE	6 1930	28
	1930, 12-161 12-161A 12-165 1932-34, 850X	20	Essex	1924-30	20
Smer	852X single ratio-850Y 652Y dual ratio 1934 Series 50 1932-33	32 24	Essex	Challenger Super 6 Pacemaker 1930-32	28B
Buick	120" WB Cars 1927-28, 121" and 129" WB	29	FLINT	B40 60 1926, Z18 Junior 1925-27	20
, CA C.A	1929, Series 50 to 59 and 60 to 69 1930, 8-80		Fonn.	Model T up to 1928, AB V8-18 V8-40 V8-46	20
	8-90 1931, Ser. 60-80-90-1932	28	FRANKLIN	11-B 1927, 130 135 137 1929, 145 147 1930,	
BUICK	Std. 6 1926, Std. 6 1928 116" WB 1929, Ser.			Transcontinental 1931, Ser. 15 153-Ser. 16	
	40 to 49 1931, Ser. 60 1931-2, 8-50 8-57 8-54		**	1931, 161 162 163 1932	24
	8-55 8-56 8-56S Ser. 50 to 1932, 8-50 8-60 Ser.		FRANKLIN	Olympic 6, Series 17 12 Cyl. 1933	32
	1933-34	32	FRONTENAC		24
Виіск	8-80, 8-90 Ser. 1933-34	36	CIARDNER	- 85 1923-29, 150 1929, 6A 1925-26, 8A-90 1925-	
CADILLAC	353 Late 1929-30, 355-8 370A-12 452A-16			27, 80 1927, 75 1928	-28
	1931, 355 B 8 370 B-12 452B-16 1932 1929-		GENERAL TAXI	010 1000 20	-32
	1934	36	GRAHAM	010 1929-30. 45 Spec. 6, 46 Std. 6 Early	-04
HEVROLET		20	PATGE	1930	.24
JHEVROLET	Superior 1924, KV AA AB 1925-28, AC 6 Cyl.		GRAHAM	6-10 1923-29, 45 Spec. 6 Late 1930-31, 46 Std.	24
	1929, AD-AE 1930-31 BA Early 1932, BA		PAIGE	6 1930-31, 56 Pros. 6 1932	-23
"DEVEOTET	Late 1932 use KO-26 BA Late 1932, Early BA use KO-24	24 26	GRAHAM		
BEVROLET	50-52 1926-28, 8 Cyl. 1930, CM 1931-32, CI	26	PAIGE	6-14 6-19 8-27 8-35 8-37 67, 68	-32
JAK 1 DELEM	1932, 6 Cyl. 1933 CA CB Sixes 1934, CO		GRAHAM	6-15 Late 1929-30, Spec. 6 1930, 42 Spec. Std.	
	Six 1933	24	Parge	8 1930-31, 57 1932, 58 69 1932-34	36
CHRYSLER	65-75 1928-29, 70-77 1929-30, 70- 6 Cyl. 1931-	4.9		. 20-24 1929	28
	32 8 Cyl.—1931-32-33, 60 and 62-58 1925-		HENNEY	. 10-14 1929	32
	27, Imp. and DeLuxe 1931-32, CT Royal 8	-28	HENNEY	Ambulance 1926-7	36
	1933, CU CV Imp. 8 1934		HUDSON	All 6 Cyl. Models 1921-30	28
е Ѕото	1930-34	24	HUDSON	Super II Pacemaker 1930-32-33-34.	28B 28
JE VAUX	6-75 1930-31	24		1926-1934	
ODGE	D-D-6 and Taxi DC-8 1929-30-31, D-L-6 1932		JORDAN	JJE JJ 1926-29, E80 Std. Line U 1930, 6-70	28
	DP-6 1933, DR DS 6 Cyl. 1934	24		1927-23 G-90 Great Line 1930	28 32
	Standard and Victory 6 Fast 4 1927-28, DK-8			6-70 1927-23	28
	1932, DK-Eight 1932, DO-Eight 1933	1 28	ILISSEL	. 0-10 1741-40	40

(Continued on following page)





WHEEL PULLER GUIDE FOR INDESTRO KNOCK-OUTS

		Knock-Out			Knock-Out
Name of	MODEL OR YEAR	Wheel	Name of	MODEL OR YEAR	Wheel
Cars (Passenger)	MODILI OIL TEAT	Puller Number	Cars (Trucks)	MODEL OR TEXT	Puller
(Tussenger)			(Trucks)		Number
Kisset	.6-55 8-65 1927, 80 1928, 6-54 8-74 54B 74B 1927-29, 8-80 8-95 1928-29			TRUCKS—Continued	
	1927-29, 8-80 8-95 1928-29	32 32	CHICAGO	1 Ton 1925-26, Late 1926 Model 10 and AX 1921-28 use Knock-Out KO-32 15W 20 1925-27. 12 14 10 A 1924-30	
LAPATETTE	Six 1934 All Models 1927-33. 350 Str. 8 1934	32 36	Cmcsco	15W 20 1025 27	36
La Salast	350 Str. 8 1934		CLYDSDALE	12 14 10A 1924-30	A 40 32
LOCOMOBILE	350 Str. 8 1934 8-80 Big 6 1929 Light 8 and L 1927-28, 78 1923-29, 68 1923-29, 8-69 1930, 70 1931 79 1930-31, 125 1932 H 136' WB 110 111 116 117 118 119 1930, HL-98 1931, 140 16 Cvl. 1931-32 6-60 6-70 1926-29, 6-72 1927-29, 8-92 1929 Special and Advanced 6 Series 400 1916-1929, Twin Ign. 6 1930, 490-8 1931, 890 990 1932, 1990 1070 1060 1932, 1930 Worm Drive 1932, 1180 Adv. 8 1933, 1280 Adv. 8 1934, 1220 Big 6 1934, 1290 Amb. 8 1934 1060 1070 1932	36	CLYDSDALE	. 9 1928	40
MARMON	Light 8 and L 1927-28, 78 1923-29, 68 1923-29.		CLYDSDALE	9 1924-28	A40
Mission	8-69 1930, 70 1931	28 32	Сомменсе	9 1924-28 Super 11 SD-11 1926-29 14 14B S-14 1924-28	40
MARMON	H 136' WB 110 111 116 117 118 119 1930	-0-2	CORRETT	40C 44 1927	A40
	H-88 1931, 140 16 Cvl. 1931-32	36	DIAMOND T	14 141 5-14 1924-28. 40C 44 1927 75 76 Sp. Wag 150 152 151 77 1925-30, 210SF 211SF 1932-34. 302 T3 T5 T7 T36 T56 1928-29. T2 T3 T5 T56C 1924-27, T3 T5 T7 T36 T56	A40
Moon	6-60 6-70 1926-29, 6-72 1927-29, 8-92 1929	28		210SF 211SF 1932-34	32
NASH	Special and Advanced 6 Series 400 1916-1929.		DIAMOND T	302 T3 T5 T7 T36 T56 1928-29	40
	1990 1932 1090 1070 1060 1932 1030 Worm		DIAMOND I	12 13 13 13 13 15 17 13 15 17 13 15 17 13 15 19 1928-29 SE F10 UF10, 1929-32, HC HCL 1933, KC KCL 1934 D-E Ser. 1927-29, C Ser. D Ser. 1926-28, E Ser. B Ser. 1926-30.	A40
	Drive 1932, 1180 Adv. 8 1933, 1280 Adv. 8		Donge	SE F10 UF10, 1929-32, HC HCL 1933.	A40
	1934, 1220 Big 6 1934, 1290 Amb. 8 1934	29	GRAHAM	KC KCL 1934	24
NASH	1060 1070 1932	32	Donge	D-E Ser. 1927-29, C Ser. D Ser. 1926-28,	
UAKLAND	54 Greater 6 1921-29, All Amer. 6 8 Cyl. 101	23	GRAHAM	E. Ser. B Ser. 1920-30.	28
Ограмовите	All Models 1924 to 1934	32	GRAHAM	A-B-C-D-E Series 1923-30	40
OVERLAND	96 96 A Whippet 1926-31, 4A 91 92 93 93 A	28	FEDERAL	A6 1928-29, T2W T6W T3W T7W T21 T22	40
PACKARD	All Models 1927-34	28	and the same	18 1928-29	40
PAIGE	10-72 6-75 8-85 1926-23	36	PEDERAL	T8 T3W T22 T7W 1929, T3W T8 1930	A40
Pachtass	1125 a Cyl. 1929, b-bl b-81 b bl Ab-60 bl	28	Fonn	AA RR 1920-33.	A 40
Persons	6-90 1926-29, 6 80 1928, 6-91 1929, B-	20	Fовр	All Models to 1928.	A40 28
	Master Str. 8 1939-32	32	GARFORD	30 30-6 1924-28	40
PERMITS.	8 19 1929-32 All Amer, 6 8 Cyl. 101 8 19 1929-32 All Models 1924 to 1934. 96 96A Whitpnet 1926-31, 4A 91 92 93 93A All Models 1927-34 6-72 6-75 8-45 1926-23 125 8 Cyl. 1929, 6-61 6-81 6-61 A6-60 61 1927-39, A Std. Str. 8 1930-32 6-90 1926-29, 6 30 1928, 6-91 1929, B— Matter Str. 8 1930-32 C Curtom Str. 8 1930-32	36	GARFORD	30 30-6 1924-28	A40
	All Models 1029 34	32	G. M. C	11-15 1-17 Ton 1931 T15A 17A 1930-33	.28
Annow. Plymouth	All Models 1928-34 1928-34. All Models 1929-32. All Models 1927-1934	32 21	G. M. C.	A-B-C-D-E Series 1923-30 A6 1928-29, T2W T6W T3W T7W T21 T22 T8 1928-29 T8 T3W T22 T7W 1929, T3W T8 1930 F. Merc. Ex. 1927-31 AA BB 1929-33. All Models to 1928 30 30-6 1924-28 30 30-6 1924-28 30 30-6 1924-28 T-15 T-17 1 Ton 1931 T15A 17A 1930-33 T11 1930, T19 1926-29 T10 T11 T11-1001 1927-29 K-16 1916-24 T50 1927-29 T-18 1932, T-30 1½-1¾-2 Ton 1929-30, T-30 T-44 1930-31, T-40 A3 C-D-E 1927-28, T-50	32 24
PONTIAC	All Models 1929-32	28	G. M. C	K-16 1916-24	36
REO	All Models 1927-1934	32	G. M. C	T50 1927-29	40
	65 75 1932-33	28	G. M. C	K-16 1916-24 T56 1927-29 T-18 1932, T-30 1½-1¾-2 Ton 1929-30, T-30 T-44 1930-31, T-40 A3 C-D-E 1927-28, T-50 1927-29, T-42 1928-29 20BX 41 46 30C 1925-28	
STAR	65 73 1932-33 C. 1929 31 F M R 4 and 6 1925-28, 70 1929 Com. 6 1929, Dict. 6 1929-39, Dict. 8 1929-32, Com. 6 1920-39, Com. 8 1929-32, 6 Cvl. 1930- 31, 4 Cvl. Light 6 Std. 6 Dict. 1919-29, 6-55 6-56 8-62 8-73 8-71 8-82 1932-33, A-Dict. B-	28 20		11-44 1930-31, 1-40 A3 C-D-E 1927-28, 17-50	1 40
STUDEBAKER	Com 6 1929 Diet 6 1929-30 Diet 8 1929-32	20	GOTFREDSON.	20BX 41 46 30C 1925-28	A40 40
	Com, 6 1929-39, Com, 8 1929-32, 6 Cvl. 1930-			30C 41 1928	A40
	31, 4 Cvl. Light 6 Std. 6 Diet. 1919-29, 6-55		GRAHAM		
	6-56 8-62 8-73 8-71 8-82 1932-33, A-Diet. B-	00	GRAMM	See Dodgo	A40
STUDEBAKED	6-56 8-62 8-73 8-71 8-82 1932-35, A-11iet, B-Com. Big 6 So.c. 6 1919-26, Pres. 6 1921-23, Comm GB-(iH 1927-28, Pres. 8 1928-32, 8-91 8-92 1932-33, C-Pres. 1934. Series A A 1926-28, BB 1928-30, M MB	23	GRAMM	2031N 3031N 1920-29, 4031N 1928-29	A40
OTODEBAKEK.	GB-GII 1927-28, Pres. 8 1928-32, 8-91 8-92		BERNSTEIN	115 115-S 1926-28	40
	1932-33, C-Pres, 1934	32	Hea	20-21 1927-28 22 1929-31	40
STUTZ	Series AA 1926-28, BB 1928-30, M MB		Hug	. 1 ½ Ton 1925-27	A40
Smrung	1929-31 Blackhawk 6 and 8 1929-30, LA 6 Cyl. 1931	28 36	INDIANA	300 200 74 11 11X 611 1926-30	32
Terraplane	Blackhawk 6 and 8 1929-30, LA 6 Cyl. 1931	24C	INDIANA	115 1929-31, 615 1931	40 A40
VELIE	50 1927-28	32	INTERNA-		A40
VIKING	1932-54 50 1927-28 V-29 8 Cyl. 1929-30	32	THONAL	C1 D1 1932-34	28
WILLIAM			Interna-	LD SPD AWI 1926-32	32
KNIGHT	70 A Spec. 6 1927-23, 97-93D 1931, 95-97		INTERNA	Six Speed Spec. 1928-31, AW2 Six Speed Spec. 1931-32, S24 S26 SD SL34 SF34 1925-31, AL3 ALF3 1931-32, A2 B2 1931-32	
	6-90 1932, 56 Std. 6 1928, 70B 87 1929-31, 66D 1931-32, 880D 6-65 8-88 1931-32	28	TIONAL	31. AL3 ALF3 1931-32. A2 B2 1931-32	A40
WILLYS			KING		
KNIGHT	66A Great 6 1927-28, 56 1929, 61 6-66 1923-		ZEITLER	40 1924-27, 35, 42A 1928	40
Warran	08.6 1930-31. 97 98D 1931, 95 97 6-90 6-98 1932, 8-80 1931.	32	KISSEL.	1½ Ton 1924-27. H20 H21 1928	40
OVERLAND	08-R 1030-31 97 98D 1031 05 07 6-00 6 00	21	Mack	8 AC 1929-30	40 A40
OTERLAND.	1932, 8-80 1931	28	MACK NOBLE		4.0
WINDOOR			PONTIAC	1926-28.	24
Moon	6-72 1929 8-92 1930	28	OVERLAND	196A 1/2 Ton 1928-30	24 28 32
WOLVERINE VELLOW CAR	1927 O5S 1925-27, O6 1926-29	32 32	BEO	FA FB FF FE 133" 143" 148" WR Cold	32
FELOW CAH		- 174	2120	1926-28 1926-28 96A ½ Ton 1928-30 BA JR15 B2 Spd Wag DA DC DF 1928-30 FA FB FF FE 133" 143" 148" WB Gold Crown Motor 1½ Ton 1927-31, FA FB 1927-	
	TRUCKS			120	30
ACORN	19 1 Ton 1927	40	REO	FD FC FH 1928-31, FKX FHX FAX 1932	A 40
ARMLEDGE,	30 1928-29	40 A40	REPUBLIC	50 75 76 1926-29	A40
ATTERBURY	30 1928-29 24B 27B 1928	40	SERVICE		40 40
ATTERBURY.	24R 27R 1929 24R 27R 1928 Junior 2 and 4 JR JF JFR 60 65 70 1928-31	A 40	STEWART.	28X 24 24X 18 17 17X 1927-30	40
BROCKWAY	Junior 2 and 4 JR JF JFR 60 65 70 1928-31	32		Buddy Six 1924-28, 30, 30X 1930-31, 40 XA	
BROCKWAY	S 23 to 28-30-31 1923, S-30 S-k12 16 1929, S 31 1939	40	STEWART	1932, 42X 1933-34	A40
BROCK WAY	S.SK 1024-27 S.31 1020 S.23 to 28 20 21	40	STUDEBAKER	SI Ser. 1/2-1 1/2 Ton 1931, Del. Truck 1929-30	32
THUCK WAY	S-K 12 16 1929, S-31 1930	A40	STUDEBAKER	75 75JR 76 77JR 184" WB 1928-29	A40
CHEVROLET.			WILLYS		
	Model 1932, use KO-26	24	KNIGHT	T100 T101 1928-29	28
CHEVROLET.	BB Light Delivery ½ Ton Late 1932, Early	0/	WILLYS	C101 T102 1020 21	0.0
CHEVROLET.	BB use KO-24.	-26	WILLYS	C101 T103 1929-31	32
CHEVROLET.	1 Top 1020	-32		15 16 1½ Ton 1928-29, T20 T21 1927-29	A40
CHEVROLET.	1 1 ½ Ton 1930	36	WILLYS		
CHEVROLET	LS Dual Wheels 1930, LT Dual Disc Wheels		OVERLAND.	C113 1931-32	28
	1 Ton 1931, Single Wheel Trucks 1932, 1933, M.O. Dual Wheels L 1931-2-3, PA PB		WILLYS	6 C101 1030 32	20
	PC PD 1934	A40	YELLOW	6-C101 1930-32	32 28
CHICAGO		28	YELLOW.	Y-29 Pass. 1927-28	A40
Cincago	AX 1927-28	32			

Note: See preceding pages for prices, size specifications, etc. of Indestro Knock-Outs.







"Stubby" Knock-Out Wheel Puller Set

The "Stubby" Knock-Out Wheel Puller is made from special analysis steel which has been heat treated, tempered and hardened. There is a vent provided in each Wheel Puller so as to avoid trapping of air, oil or grease on the end of the axle thereby forming a cushion which would prevent the proper operation of the Wheel Puller. The metal box in which these five Wheel Pullers are contained is baked enamel finish and very compact and forms a very convenient as well as useful combination for mechanic's tool kit.

The set, as illustrated, contains the following five popular sizes of Wheel Pullers: $\frac{5}{8}$ "x18, $\frac{3}{4}$ "x16, $\frac{7}{8}$ "x14, $\frac{1}{2}$ x14, $\frac{1}{4}$ "x12. The first four mentioned sizes will fit practically 95% of all passenger cars and many of the light trucks while the last one fits the Model AA Ford Truck, thereby giving a combination which will take care of nearly every car and many trucks. List of cars which the various size Wheel Pullers fit is shown in the table on preceding pages.

Weight $\frac{24}{2}$ lbs.

Chevrolet "4" Wheel Puller



This heavy malleable wheel puller screws on Chevrolet 1924-28 hubs and will also fit ALL FORD "T" TON TRUCKS UP TO AND INCLUDING 1928. Has split side with clamping bolt. The pulling screw is heavy and hardened. Natural finish.

Weight 11/2 lbs.

No. 693—Chevrolet "4" Wheel Puller.......Price \$0.62

Chevrolet "6" Wheel Puller



A yoke type puller for all Chevrolet Six cars, both wire and disc wheels. Very substantially made, yoke is malleable iron especially selected for its tensile strength, the set screw is extra large, heat treated, tempered and hardened steel. Fully guaranteed for both quality and service. Natural finish. Weight 2½ lbs.

No. 692-Chevrolet "6" Wheel Puller........Price \$0.72

Ford "A" "AA" "B4" and "V8" Wheel Puller Heavy Duty Type



This closed or vise type wheel puller for Model "A", "AA", "B", "V8-18" and "V8-40" Ford cars is a tool that will be appreciated by both the mechanic and car owner. Cannot slip off or damage threads. Heavy malleable body with large hardened pulling screws. Natural finish. Weight 3½ lbs.

No. 691-Heavy Duty Ford Wheel Puller Price \$0.84

Open Type Wheel Puller



A heavy malleable open type wheel puller with hardened steel screw that is especially designed for the different model Ford cars and trucks shown below. A very sturdy, satisfactory tool for the car owner or the mechanic. Natural finish. Note the four different models listed below and specify proper number.

Weight 2 lbs.

No. 694—For 1929-31 Ford "A", "B", "V8-18" and "V8-40"	54
No. 695—For 1928 Ford "A"Price .	54
No. 696-For 1929 Ford "AA" Truck Price .	90
No. 697For Ford AA 1930-31 and Ford TT	
Trucks, Pontiac 1927, Chevrolet 4, 1926-27	
28, Wood, Wire and Disc Wheels, screw cap	
type, not illustrated	90

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NDESTRO MFG. CORP



Piston Skirt Expanding Rings

For Piston Slap



For Oil Trouble

These rings are especially designed for expanding aluminum pistons so as to restore pistons to their original fit. When properly installed they help prevent oil pumping, piston slapping and maintain automatically a uniform piston clearance. When ordering rings, order by diameter of cylinder.

No.	2031A	For	Cylinders	25/8"	to	211/16"	
No.	2031B	For	Cylinders	213/16"	to	23/4"	
No.	2031C	For	Cylinders	215/16"	to	27/8"	
No.	2031D	For	Cylinders	31/16"	to	3"	
No.	2031E	For	Cylinders	33/16"	to	31/8"	
No.	2031F	For	Cylinders	35/16"	to	31/4"	Price \$0.15 each
No.	2031 G	For	Cylinders	37/16"	to	33/8"	
No.	2031H	For	Cylinders	3%16"	to	31/2"	
No.	2031I	For	Cylinders	311/16"	to	35/8"	
			Cylinders	33/4"			
No.	2031K	For	Cylinders	37/8"		7.10	

All rings come packed 6 of one size to a carton with instructions for making installation. If in doubt as to size wanted, please give year and model of car which they are to fit. Weight, 8 oz. per set of 6.

Special Grooving Tool

While a few cars have slots on the inside of piston in which the rings described above may be inserted, yet most cars using aluminum pistons do not have this groove. The tool illustrated is especially designed to groove aluminum alloy pistons and is easily handled in an electric drill, drill press, or lathe. Note the method of quick and accurate adjustment of guide plate. The cutter is high grade tool steel with milled teeth insuring long service and accurate work.

No. 2030—Piston Grooving Tool...Price \$0.70 Weight 8 oz.

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Tools for Service



Quick Action Valve Reseating Tools With Flexible Drive

Always Sharp

This design of tool provides a positive, simple method of replacing the abrasive face with special discs so as to assure a sharp surface at all times. The novel double spring flexible drive permits use in the most difficult to reach locations. See illustration at bottom of page.

Always Accurate

This tool cannot become worn and out of shape like solid tools of similar design inasmuch as the grinding head always remains the same and the abrasive surface can be changed when necessary.



Furnished With 5 Pilots

All heads listed below are interchangeable with all pilots and other fittings. Our No. 845 comes complete with $\frac{7}{8}$ " x $2\frac{1}{4}$ ", 45° head, 5 pilots, $\frac{5}{16}$ ", 7/16", 11/32", and 25 discs. Includes proper size pilots for all popular cars including Ford "A", "B", and "V8".

Use On All Seats

While this tool is especially adapted for the later type motors with hardened inserted valve seats, it is also recommended for efficient use on all other types of valve seats. With heads listed below, it is possible to handle seats with special angles.

No. 845-45" Head with 5 Pilots Described Above Complete and Box of 25 Discs

Price \$3.30 Weight, 2 lbs.

Other Heads and Accessories

No.	Description	Price
841	11/16" x 11/5/32" 45° Head and Retainer only	\$0.75
842	7/8" x 21/4" 45° Head and Retainer only	
843	1½" x 2½" 30° Head and Retainer only	90
844	1" x 2\%" 60° Head and Retainer only	90
845P10	1" x 2%" 60° Head and Retainer only	24
845P12	%" Pilot only. 746" Pilot only. 1132" Pilot only. 1132" Pilot only.	24
845P14	7/16" Pilot only	24
845P19	Pilot only	
845P33	11/32" Pilot only	30
846	Flexible Shaft Drive only	45
841D25	Discs only for 115/32" 45° Head, 25 in box	
842D25	Discs only for $2\frac{1}{4}$ " 45° Head, 25 in box	
843D25	2 2000 41117 - 70,	
844D25	Discs only for 2\%" 60° Head, 25 in boxPer I	Box 1.35



Using Straight





Using on Angle

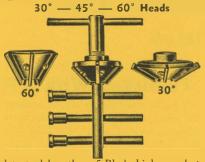
Use in any electric drill 1/4" or larger.

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Complete Valve Reseating Set



This complete tool has three 5-Blade high speed steel cutting heads and will reface 30°, 45°, and 60° valve seats. The 5-Blade construction makes a seat so nearly perfect as to re-

Over 95% of all cars use a 45° angle on valve seats. With the 30° and 60° cutters it is possible to narrow the regular seats leaving only a narrow 45° shoulder.

The four pilots included with this set include \%6", \%", \%6".

The four pilots included with this set include \(\frac{9}{16}'', \frac{3}{8}'', \frac{7}{16}'' \) and \(\frac{19}{32}'' \) which fit practically every car including Model 'A' Ford. Pilots and heads are interchangeable. Weight 2 lbs. No. 827—Complete Set consisting of 30°, 45°, and Price \$3.00 60 heads, four pilots and handle.

Universal Valve Reseater

45° Cutting Head only with handle and four interchangeable pilots, size $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", and $\frac{19}{32}$ ". A universal type valve reseating tool that will fit any valve up to and including $2\frac{1}{4}$ ".

Weight $1\frac{1}{4}$ lbs.

No. 829-Universal Valve Reseater. ..Price \$1.26

Chevrolet Valve Reseater

Special 45° Head with 5/16" pilot only for use on Chevrolet 4 and 6 cylinder models. Weight 3/4 lbs No. 831-Chevrolet Valve Reseater Price \$1.02

Ford "A" Valve Reseater

45° Five blade head with 19/32" pilot only for use on Ford "A" cars.

Weight 3/4 lb. No. 828-Ford "A" Valve Reseater Price \$1.14

Special Pilot for Ford "V8"

This pilot will fit any of the valve reseaters on this page, 11/32" in diameter. $1\frac{1}{2}$ in diameter. No. 825— $1\frac{1}{2}$ " "V8" Pilot Only... Weight, 4 of ..Price \$0.30

Valve Seat Narrowing Set

Many times it is advisable to narrow the valve seat so as to properly fit and grind valves. This is easily accomplished with the two heads, mentioned above, and used with the handle and pilots furnished with our No. 827. Weight 1 lb. No. 834—Set of two heads, 30° and 60° Price \$1.92 No. 832—60° Head only Price 1.14 Price 1.14
Weight ½ lb. No. 833-30° Head only Price Weight 1/2 lb.

Valve Reseater



The five blades of tungsten steel are fastened into the head securely by a new method. This reseater will do the work as efficiently as the higher priced tools and simplifies valve grinding. Four pilots $\frac{5}{16}$ ", $\frac{4}{10}$ ", $\frac{7}{16}$ ", and $\frac{1}{10}$ " will fit nearly every car. Weight $\frac{11}{4}$ lbs.

No. 830-5 Blade Valve Reseater.....Price \$0.90 **Ball Bearing Valve Grinder**

Advancing Type

Here is a high grade ball bearing Valve Grinder of the advancing and reciprocating type that has three blades, rubber vacuum cup and a 5 inch extension. A fast acting comfortable handling tool that any mechanic will appreciate.

Weight 11/4 lb.

No. 808—Ball Bearing Valve Grinder.....Price \$1.20



Reciprocating Type Grinder

A new moderately priced Valve Grinder that is very simple but efficient and easy to operate. A thoroughly practical Valve Grinder for the man who does his own overhauling as well as a satisfactory Valve Grinder for the mechanic. Equipped with three steel blades to fit all valves, a special rubber vacuum cup for use with Ford Valves as well as others, having smooth tops and valve grinding spring. Valve grinding spring is also included. This grinder is an exceptional value. Baked red enamel finish. Wt. 1 lb.



No. 411-Valve Grinder.

Universal Valve Refacer

This valve refacing lathe with high speed steel cutting blade will reface valves from 11/2" to 21/2' in diameter



well as efficiently. Makes valve grinding easy. Weight 13/4 lb. No. 835-Valve Refacer

Adjustable Valve Refacer

The same Valve Refacer as described above, however, with adjustable cutting blade to take care of both 45° as well as

No. 840-Adjustable Valve Refacer

Price \$1.30

Valve Refacing Lathe-Bench Type

The cutting tool is of high speed special steel mounted securely at the proper angle to reface all size valves. It is easily removed for sharpening or replacing at a small cost after long, hard service. Easily mounted on bench. No. 836-Valve Refacing Lathe

Weight 1¾ lbs.
Price \$1.14

Ford Valve Refacer

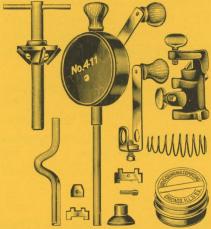


HICAGO, U.S.A.

N. KILDARE AVE. AT SCHUBERT



Complete Valve Grinding Outfit



Complete Valve Grinding Set for Ford A, AA, B, BB and many other popular cara, consists of special Valve Reseater, Valve Refacer, 411 Valve Grinder, 4 Ounce Double Can Valve Grinding Compound, Bushing Remover and Spring as described below.

Weight, 4½ lbs.

No. 826-Valve Grinding Set Complete.......Price \$3.10

Ford "A", "B" and "V8" Valve Guide and Spring



This ingenious device solves the problem for a valve guide as well as relief spring when grinding valves on Ford Cars. One style is for models "A" and "B" while the other style is for all "V8."

No. 2025AB—Guide for Ford "A" and "B"......Price \$0.45

No. 2025V8—Guide for Ford "V8" Price .45 Shipping Weight, 4 oz.

Ford "V8" Valve Tool



Spring for Valve Grinding



A cone shaped spring for putting under valves when grinding. Just the right tension and temper.

No. 807—Valve Grinding Spring......Price \$0.02

Valve Lifter



The Indestro valve lifter is made entirely of steel, heavily plated. Nothing to get out of order; non-slipping; wide-spread of jaws. Will fit Ford "A" and many other cars. Nickel finish.

Brace Type Valve Grinder



Solid steel rod, 6'' swing. Special hardened steel swivel, adjustable to fit any valve. Revolving head; finely plated; length 10'' over all.

 No. 636
 Price
 \$0.28

 1 Doz. to a Carton
 Weight 7 lbs.

Same as No. 636 above, except 15" long; solid steel rod; 6" swing. Special hardened steel swivel, adjustable to any valve; revolving head; finely nickeled.

Valve Grinder Attachment

For use on all makes of cars. Made of steel, hardened and tempered, special mottled finish, for use with square head speeder wrench or L handles.

No. 642......Price \$0.20

 W_t , 3 oz.



Bit Valve Grinder

For use in brace. Blade is adjustable so as to fit nearly any

No. 802—Bit Valve Grinder......Price \$



Rubber Cup Valve Grinder



The rubber vacuum cup type Valve Grinder is quite convenient on nearly all types of valves and quite necessary on some types. Cup is made from live rubber and handle is enameled hardwood.

Valve Bushing Punch

Designed for driving out valve stem bushings on Ford cars. Made of special analysis steel, heat treated and hardened. Weight, 8 ozs.

No. 2021-AB—Valve Bushing Punch for Model "A" and "B" Fords Price \$0.28

No. 2021-V8—Valve Bushing Punch for "V8-18" and "V8-40" Fords. Price \$0.28

Chevrolet Valve Reseater

For both 4 and 6 cylinder models Chevrolet. Head has five high speed steel cutting blades which are accurately ground after essembling. Speeds up valve grinding and a very necessary tool when seat is pitted.

Weight, 34 lb.

No. 831—Valve Reseating Tool for Chevrolet 4's and 6's......Price \$1.02



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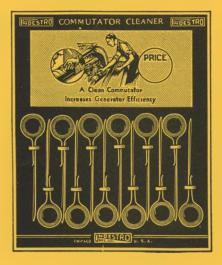
No. 800-C12



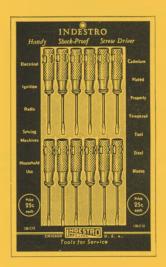
No. 800



No. 75-C12



No. 138-C12



Tire Valve Tools

A most convenient tool for work on tire valves. Indispensable for removing and replacing valve cores, deflating tires, re-threading the outside and re-tapping the inside of valve stems. Cadmium plated, rust-proof finish.

No. 800—Tire Valve Tool indiv	vidually displayed on
attractive, two-color card	Price \$0.12
	Weight per dozen ½ lb.
No. 800-C12-Display Card of	12 Tire Valve Tools
of attractive, two-color des	signPrice \$1.44
	Weight per card ½ lb.

No. 75-C12 Commutator Cleaners

To increase efficiency of generators and starters, the commutators need frequent cleaning to maintain the proper contact with the brushes. Our Commutator Cleaner does this job easily and thoroughly. The cadmium plated metal handle holds 36 inches of sandpaper and is provided with a convenient lock so a small portion can be replaced when a new surface is required.

12 cleaners mounted on attractive two-color display card. Weight 2 lbs.

No. 75-C12-Card of 12 Commutator	
Cleaners Price	\$4.80

Refills for Commutator Cleaners

No.	76	Cart	on	of	24	Refi	lls (of	Rolls	with	36		
	inches	of	san	dpa	per	and	wit	h	instruc	tions	for		
	use									F	Price	\$1	.20
										We	eight	7	lЬ.

Pocket Screw Drivers

Both in the work shop as well as in the household there is hardly a tool which compares in popularity with a handy and dependable screw driver. Our screw driver with transparent red, shock-proof handle, $\frac{1}{8}$ " x1 $\frac{7}{8}$ " tool steel blade and pocket clip is designed for work on ignition systems, radios, lamp sockets, sewing machines, electric irons, etc. Bright cadmium plated, rust-proof finish on blades. To retail for 25c. One dozen screw drivers mounted on attractive, two-color display card.

Weight, $\frac{1}{2}$ lb.

No. 138-C12—Card of 12 Screw Drivers......Price \$2.70

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Ignition Tools and Handy Household Wrenches on Display Cards



A very handy assortment of tools used on ignition work. Consists of \%" x 1\%" midget screw driver with shock proof handle, ignition file, thickness gauge for spacing .006, .008, .010, .012, .021 and .025, and three stamped steel, carefully hardened, cadmium plated ignition wrenches mounted on black and red card as follows: Eisenmann and Remy-Wagner; Splitdorf, N. E. and Connecticut; Delco, Bosch-Simms,

R. B. and S. E. V.
Back of card gives breaker
point and spark plug openings for popular cars.

Three popular stamped steel, carefully hardened and cadmium plated ignition wrenches mounted on black and red display card as follows: Eisenmann and Remy-Wagner; Splitdorf, N. E., and Connecticut; Delco, Bosch-Simms, R. B. and S. E. V. Back of card gives breaker point and spark plug openings for popular cars.



No. 123-6 Piece Ignition Tool Set on Card....Price \$0.55

No. 120-3 Piece Ignition Tool Set on Card....Price \$0.12 Weight 11/2 oz.



A three piece wrench set on attractive black and red display card. Very suitable for ignition work as well as many house-hold uses. Consists of 3 popular sized stamped steel, hardened and cadmium plated open end wrenches as follows: 1/4"x $\frac{5}{16}$ ", $\frac{3}{8}$ "x $\frac{7}{16}$ " and $\frac{1}{2}$ " with alligator jaw.

One of our most popular ignition sets which will fit 95% of the ignition systems now in use. Same assortment of wrenches as Set No. 120 with addition of thickness gauge described under No. 123 and mounted on same type of card.



No. 131-3 Piece Wrench Set on Card...... Price \$0.12 No. 121-4 Piece Ignition Tool Set on Card....Price \$0.22 Weight 11/4 oz.

Spring Grip Alligator Wrench



A most popular household wrench for general purpose use, refrigeration service, etc. Carefully hardened, cadmium plated and mounted on display card. Openings and %" hex., \(\frac{1}{4}\)" square and alligator jaw to

No. 177—Universal Alligator Wrench Price \$13.70 per C

Weight 25 lbs. per C

A five piece ignition wrench set that will serve 95% of the ignition purposes. Same assortment as above with the addition of high grade ignition file. Back of card furnishes data for proper spacing of ignition points and spark plug gaps on popular cars.



No. 122-5 Piece Ignition Tool Set on Card... Price \$0.32

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HICAGO,



Drawn Steel Spark Plug Wrenches



These cadmium plated wrenches are recommended for their thin walls, strong construction and low cost.

The list below covers wrenches for all popular types of spark plugs.

No.	Openings	Hex. Spark Plug Sizes	Price
701	53/64"x 29/32"	13/16" (14mm.) and 38" (18m	nm.) \$0.21
702	$^{29}_{32}''$ x $^{11}_{32}''$	7/8 (18mm.) and 1" (18mm.)	.) .21
703	29/32"x15/32"	7/8" and 11/8"	.21
704	$3\frac{1}{32}$ " x $1\frac{5}{32}$ "	15/16" and 11/8"	.21
		1V/ * 7 .	

Heavy Spark Plug Wrenches



Machined from solid bar steel stock, accurately broached to assure positive grip. Heat treated and hardened. Weight 1/2 lb.

No.	Wrench Openings	Hex. Spark Plug Sizes	Pric
706	²⁹ / ₃₂ "x1 ¹ / ₃₂ "	7/8" and 1"	\$0.3
705	$3\frac{1}{32}$ "x $1\frac{5}{32}$ "	15/16" and 11/8"	.30

Firing Cups



Firing cups used in connection with regular spark plugs will prevent the fouling of the plug in cylinders which are pumping oil. The firing cup forms an auxiliary firing chamber which not only keeps much of the oil and carbon off of the plug but also has a clean-

structions for using.

Weight, per doz., 2 lbs.
Price Each \$0.20
Price Each \$0.20
Price Each \$0.20 No. 51—Metric Size Firing Cups.
No. 52—½" Size Firing Cups.....
No. 53—%" Size Firing Cups....

Spark Plug Adaptors



Spark plug adaptors afford a very popular means of reducing the size spark plugs used on many older type motors to 14 mm. This permits faster cooling of the plug which automatically increases the efficiency of the motor. Furnished in three sizes only, Packed 1 doz. to carton, Nos. 55 and 57 with gasket.

No. 55—18 mm. to 14 mm. Price \$0.16 No. 56—1/2" to 14 mm. Price \$0.16 No. 57—76" to 14 mm. Price \$0.16 14 mm. Price \$0.16 Weight, per doz., I lb.

Generator Brush Wrench



An extremely popular wrench with $^{15}\!\!/_{32}$ " and $^{5}\!\!/_{6}$ " openings for generator brush adjustment. Case hardened and tempered.

Weight, per doz., ¼ lb. No. 175—Generator Brush Wrench......

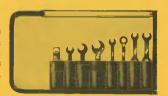
12 Piece Ignition Set



A compact twelve piece ignition set in heavy pantasote roll Weight 6 oz.

8 Piece Ignition Set

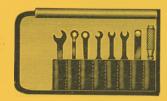
Where a smaller set than the above is desired, we offer an 8 piece combination of seven wrenches and a thickness gauge in leatherette roll case.



No. AX8-8 Pc. Ignition Set.....

Price \$0.45 Weight 4 oz.

8 Piece Ignition Set



This set is very similar to that illustrated and described above but omits one wrench and includes a midget shock proof

No. GM8-8 Piece Ignition Set.. Price \$0.55 Weight, 4 oz.

Handy Ignition Set



These three double end, heat treated, tempered and hardened wrenches are cadmium plated and held together with thumb

Thickness Gauge

Gauge made from special spring steel stock with thicknesses .025, .021, .012, .010, .08, .06. All plainly marked on outside leaf, mounted 12 on display card.

Weight 8 ozs.

No. 167—C12 Card of 12 Thickness Gauges Price \$1.32

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CHICAGO, U.S.A.



Replacement Brake Bands

High Grade Lining **Properly Applied**



Accurately Formed Cheaper Than Relining

The bands listed below are made from high grade steel, accurately formed to replace the bands that came with the car. The lining is made special for us and is guaranteed to give excellent service

M			
No.	Car		Price Pair
812	Chevrolet	490-Superior 1923	\$1.80
813	Chevrolet	Superior 1924	1.80
814	Chevrolet	Model K 1925	1.80
815	Chevrolet	1926-7-8-V, VV, etc.	2.20
816	Chevrolet	1929 Rear only, external	2.30
	Average	Weight per Pair 51/2 lbs.	

Brake Shoes for Ford "A"



These shoes are guaranteed perfect as to radius and will replace all Ford "A" Shoes. The semi-moulded lining has been selected for long wear as well as satisfactory service under all conditions. Packed 4 Shoes to set.

No. 810—Lined Shoes for Ford "A".....Price Each \$0.50

Weight 1½ lb.

No. 811—Unlined Shoes for Ford "A"....Price Each \$0.31
Weight 1 lb.

Tool Set for Replacing Brake Drums on Ford "A" "B" and "V8"



These three tools together with a vise and hammer are all the tools necessary to replace Ford "A", "B", "V8-18", and "V8-40" Brake Drums. They consist of solid punch, peening punch and hollow anvil to hold in vise for driving out rivets.

Weight 41/2 lbs.

No. 880—Set Complete..... Price \$1.70



The Indestro Grease Ram is made to do the work that heretofore required a high priced machine. It forces the grease through car joints that the ordinary gun will not open. Made of high grade steel, and will withstand long and hard

usage. One size for all cars. Simply remove Oiler or fitting from spring bolt, screw on the filled grease ram and strike with a hammer. Fitted with special nose for zerk fittings.

No. 725-Grease Ram...

In No. 724 we offer a good grease ram which is not as high quality as one above that can be sold at a price. Has round knurled body as well as nose attachment for zerk fittings. No. 724-Grease Ram Price \$0.34 Wt. 9 02

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A compact set of essential tools for relining brake shoes and bands. Consists of center punch for removing old rivets, two 1" C-clamps for holding lining in place, %4" drill for moulded or woven lining, %" countersink, anvil for holding in vise and riveting punch for curling tubular rivets. All tools heat treated and hardened. Packed in attractive, baked enamel steel box.

No. 821-Universal Brake Lining Tool Outfit Price \$1.20

Brake Lining Tool Set

Consists of four pieces, anvil for holding in vise, punch for riveting, countersink and drill. Just the thing for car owner to apply his own lin-

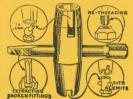


No. 820—Brake Lining Tool Set in Fiber Box. Price \$0.64

Tool for Alemite-Zerk Fittings

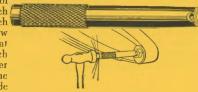
A handy tool for removing and replacing Alemite, Zerk and most any other type of grease and oil fittings. Includes a special tool steel tap for removing broken fittings and for rethreading damaged or worn threads. Heat treated, tempered and hardened, Cadmium plated finish. Packed in individual carton. Weight 1/4 lb.

No. 723-Tool for Alemite and Zerk Fittings Price \$0.45



Driving Punch for Grease Fittings

A very essential tool for inserting such grease fittings which are not the screw type. Opening at the end of the punch fits accurately over the nipple of the



grease fitting. Made of Chrome Vanadium Steel, heat treated and hardened.

No. 2026—Driving Punch for Grease Fittings. Price \$0.30 Weight 4 oz.

1 Inch Clamp

This heavy malleable iron clamp with 1" opening is particularly handy for use in relining brake bands and shoes. Also a very useful household item. Swivel washer permits easy turning, Cadmium plated finish.

No. 803-1" Clamp Price \$0.15

N. KILDARE AVE. AT SCHUBERT

HICAGO, U.S.



Small Ball Pein Hammers



A small Ball Pein or Machinist's Hammer for light or small work, used for light assembly work, household purposes, in candy stores, and many other purposes. Head is turned from solid steel bar. Steel handle, knurled, fitted tight in head; cannot come loose. Cadmium plated, rust proof. Well balanced. Three sizes and weights.

Small Ball Pein Hammer With Screw Driver Handle



Small ball pein or machinist hammer for light work. Hardened head and handle, screw driver bit end of handle. Well plated. Length over all 8½", length head 23%", diameter of head 34".

Steel Pliers and Wire Cutters



Indestro Flat Nose Slip-Joint Steel Pliers are stamped from a special grade of steel, hardened to stand rough usage and will give long service. Just the item that you have been looking for; cheap in price but not in quality. Packed one dozen in attractive carton; one gross to shipping case. Finished in cadmium plate rust resisting.

Weight 6 oz.

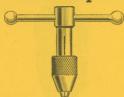
No. 3500—Steel Pliers. Price \$0.16
No. 3500B—Steel Pliers, Blue Steel Finish....Price \$0.16

Steel Plumb Bob



This accurately milled from bar steel plumb bob is well balanced and will satisfactorily fill the general purpose for which it is intended. Nickel plated.

Slide Handle Tap Wrenches



This tool is designed for holding taps, reamers, small drills or other small tools. Knurled chuck shell, sliding handle. Nickel plated and a finished tool in every respect.

	Capacity	Length	Price
No.	of Chuck	of Handle	Each
211	1/4"	31/2"	\$0.20
212	3/8"	41/4"	.24
213	1/2"	5″ *	.33
	/ 2	Wt 2 or 1 or	and 2 07

T-Handle Tap Wrenches



These are a good quality tool very similar to those illustrated and described above. They have a solid handle cross bar and are in natural steel finish.

	Capacity	Length	Price
No.	of Chuck	of Handle	Each
211B	1/4"	31/2"	\$0.13
212B	3/8"	41/4"	.16
213B	1/2"	5″	.24
	1 24	www.	1.0

Drill Holder

Designed for holding taps, drills, etc., up to ¼", knurled chuck shell, T handle. Nickel plated.



No. 200 Price \$0.40

Weight 6 oz.

Drill Holder For Electric Drills

Holds drills, etc., up to 1/4". Hardened jaws, nickel plated knurled chuck shell. 1/2" stem for use with electric drills. Nickel plated.



No. 201 Price \$0.40

Weight 4 oz.

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MFG. CORP



Stampco Windshield Wiper



The main bar of this Wiper as well as other parts are of extra heavy construction and insures steady, even pressure against the glass at all times.

A sturdy brass bushing is furnished for closed type cars and a suitable clamp, cadmium plated, is furnished for all open type cars and can be easily attached to either type.

No. 90—Stampco Windshield Wiper with bracket for open carsPrice \$0.34

No. 91—Stampco Windshield Wiper for closed cars only Price \$0.27

Security Oil Can Holder



No. 60 -- Security Oil Can Holder Each \$0.15
No. 61 -- Same as above, except it fastens under bolt head or nut. Price, each \$0.15

Weight, Ea., 1 oz.

Popular Priced Oil Can Holder



This inexpensive Oil Can Holder designed to use on cowl or other upright surface, will hold 3" or $3\frac{1}{2}$ " diameter oil cans. Weight 1 oz.

No. 62-Oil Can Holder, Price \$0.10

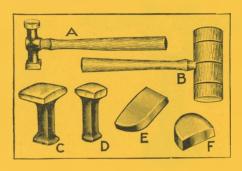
Dinging Hammer



Weight, 1 lb.

No. 952—Dinging Hammer, 13 oz......Price \$1.18

Fender and Body Repair Tools



These moderately priced fender repair tools will appeal both to the mechanic as well as car owner who does his own repairing.

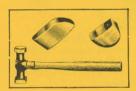
- No. 957 (C)—Small Double End Hand Dolly with two working surfaces. Weight, 13/4 lbs..........Price \$0.54
- No. 955 (E)—Flat or Toe Dolly can be used in various corners or angles. Weight, 21/2 lbs......Price \$0.84
- No. 960 (F)—Heel Dolly with mounted and flat faces for both corner and flat work. Weight, 2 lbs.Price \$0.78



No. 956—Utility Dolly with special shapes for fenders, doors, and panel work. Weight, 2½ lbs.

Price \$1.02

Fender Repair Set



This handy repair set consists of three pieces, Hammer No. 950, Toe Dolly No. 955, and Heel Dolly No. 960, described above, packed in substantial carton.

Weight, 6 lbs.

No. 990—Repair SetPrice \$2.30

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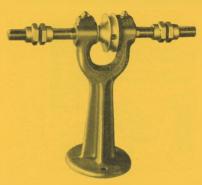
INDESTRO MFG. CORP

CHICAGO, U.S.A.

N. KILDARE AVE. AT SCHUBERT



Grinding and Polishing Stands



These two polishing heads are identical except one has two straight spindles while the other has one straight spindle and one tapered spindle. Frame is close grained cast iron, finished in red japan. Bearings are accurately reamed with oil holes. Two Step Pulley on solid steel shaft.



No. 1553—Polishing Stand as illustrated Price \$0.94 No. 1554—Polishing Stand as illustrated with Chuck No. 224......Price \$1.24 No. 1555—Polishing Stand as illus-Price \$0.94 No. 1556—Polishing Stand as illustrated with Chuck No. 224. ...Price \$1.24

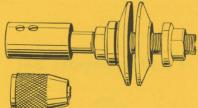
Double Head Polishing Stand with Adjustable Bearings



This Double Head Polishing stand is the same high quality and construction as those shown above with the additional feature of adjustable bearings. It is equipped with flanges on both sides so that two emery wheels, polishing wheels, etc., can be used at one time. Chuck capacity up to 1/4".

No. 1557—Double Head Polishing Stand with Chuck Price \$1.40 No. 1558—Double Head Polishing Stand without Chuck Weight 21/2 lbs. Packed in Individual Cartons

Arbor and Chuck



Arbor

Chuck

This chuck is designed for use with arbor shown above. Has 1/2"x24 thread and will take drills, etc., up to 1/4"

No. 224—Chuck Only.....Price \$0.36 Weight, 4 oz.

Saw Table and Mitre Gauge

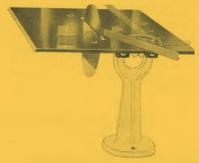


Table fits our Nos. 1557, and 1558 stands shown above. Made of steel, nickel plated, 8"x8" top. Complete with steel nickel plated mitre guage and bolts for fastening to stand.

No. 1551.....

Price \$0.65 Weight 11/2 lbs.

Price \$1.10

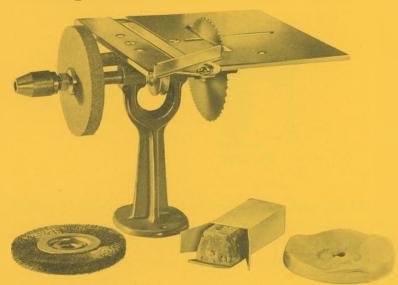


HICAGO, U.S.A.



Polishing Head with Complete Home Workshop Equipment

This outfit consists of our No. 1558 split adjustable bearing polishing head together with saw table and mitre gauge, 4" saw, 4" buffing wheel, 4" wire scratch brush, 4" grinding wheel and a bar of polishing compound. A very useful combination around any home or small workshop.



No. 1570-Polishing Head with complete Home Workshop Equipment

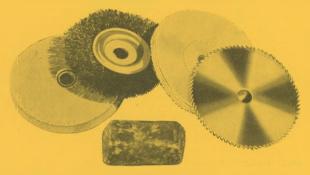
Price \$4.00 Weight 7 lbs.

Individual Accessories

The following accessories can be used with any of our polishing stands or any polishing stand with \(\frac{1}{2}'' \) shaft.

No.	Description	Weight	Price
1581	4" Saw Blade	2 oz.	\$0.65
1582	4" Buffing Wheel	1 oz.	.20
1583	6" Buffing Wheel	1 oz.	.33
1584	4" Fine Wire Brush	3 oz.	.60
1585	6" Fine Wire Brush	5 oz.	.85
1586	4" Coarse Wire Brush	3 oz.	.45
1587	6" Coarse Wire Brush	5 oz.	.60
1588	4" Grinding Wheel (medium)	8 oz.	.45
1589	Polishing Compound	3 oz.	.20

Handy Household Kit



As a matter of convenience, we have assembled the above four pieces as a kit to be used with any of our polishing stands with $\frac{1}{2}$ " shaft. The outfit consists of:

1---I" Saw

1-4" Buffing Wheel

1-4" Wire Brush

1-4" Grinding Wheel

1-Bar of Polishing Compound

No. 1575—Handy Household Kit. Packed in a substantial carton.

Price \$1.75 Weight, 3 lbs.

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Small Vises-Clamp Type





No. 1562

The Indestro small vise has been so favorably accepted by mechanics that they hardly need any introduction. They are made from special close grained cast iron, have polished jaws and are finished handsomely in baked red japan. They are a necessity in the shop and very convenient around the home. The clamp type is readily moved from one bench to another and quickly attached.

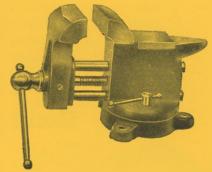
No. 1561—13/4" Jaws, for Very Light Work

Price \$0.90 Weight 2 lbs. No. 1562—21/2" Jaws.Price \$1.20 Weight 3% lbs.

Small Swivel Type Vises



No. 1564



No. 1566

These vises are made with swivel bases enabling the user to adjust them at a convenient angle with various types of work. They fasten permanently on the work bench by means of three bolts or screws. Very carefully machined, body made from close grained cast iron, screw, etc., machined from solid bar steel. Finished in baked red japan.

No. 1564—Swivel Type Vise with Price \$1.60 21/2" Jaws.

No. 1566—Swivel Type Vise with

Price \$2.50 Weight 9 lbs.



Weight 43/4 lbs.



Speed Rim Tool



The Speed Rim Tool is easily operated, double acting and self-locking. One movement of the lever will unlock and contract or expand any split rim regardless of how rusty, from the smallest balloon size up to and including size 35 x 5.

No. 798—Speed Rim Tool.Price \$1.50 Weight 6 lbs.

Locking License Plate Bolts



Large headed bolts with patented nut that locks. They require no washers. Cadmium plated rust proof. Furnished 100 bolts and nuts to the box or in sets of four mounted on display card.

No. 243—Self Locking License Plate Bolts 100 to the box. Wt. 2½ lbs.....Per 100 \$1.80 No. 244—Display Card of 4 License Plate Bolts. Wt. 1 oz......Per Card \$0.12

Door Prop

This ingenious device will hold the garage doors open firmly under any conditions. It is easily operated with the foot alone. Weight 1 lb.

No. 799—Pair with

ScrewsPrice \$0.45



Handled Knife Sharpener



Has a green enameled wood handle making it very convenient. Discs are hardened and

No. 216—Handle Knife Sharpener .**\$0.**18 1 Dz. to Carton Wt. 41/2 lbs.

Professional Drop Forged Horse Shoes

Regulation weight and size. Guaranteed not to splinter or chip. Packed one pair marked A or B to the carton.



No. 245—Horse Shoes. Wt. 53/4 lbs. Per Pr. \$1.40

Skimil

The automatic syphon for removing cream from top of milk bottles. The Skimit is in satisfactory use in thousands of modern homes. Made of aluminum, easily cleaned, and a very popular device wherever used. Packed in individual containers with directions.



No. 238--Skimit 1 Dz. to Carton

The "Whippit"

The WHIPPIT with the turbine blade, slotted baffle plate, and infolder, combine exclusive patented features not found in any other whips. Whips cream in less than one minute. It is so universally known and used that it hardly needs a description.

The sturdy construction, handsome appearance, and well known efficiency puts the WHIPPIT in a class by itself. Will whip in any bowl, and the infolder splash guard prevents splatter. Packed in individual containers.

No 235--The "Whippit" Price.....\$1.00

Wt. 12 lbs



1 Dz. to Carton

Presto "T" Whip

A very efficient whip which has many of the desirable features of the Whippit although not quite as large or as fast. All metal frame and handle, heavily plated with red trim. Furnished in either single or double blade.

No. 236--Single Blade Presto "T" Whip.... Price \$0.70 No. 237--Double Blade Presto "T" Whip..... ...Price \$0.75

l Dz. to Carton Weight per Dz. 8 lbs.

Knife Sharpener

Sharpens knives of all descriptions. Made of hardened steel discs, overlapping one another.

No. 215. 1 Dz. to Carton



Wt. 5 lbs.

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CHICAGO, U.S.A.



Two New Improved Dunlap Whips

No. 232



Price \$0.85

No. 231

The IMPROVED DUNLAP WHIP with the "Little Brown Bowl" that a million housewives will testify is the best whip they ever used. The flexible steel blade with perforations, which has long been an outstanding feature of the DUNLAP WHIP, is now further improved by being made from STAINLESS STEEL, and is re-enforced, making it sturdier than ever. The entire whip comes apart easily for cleaning, making it perfectly sanitary.

Packed 1 dozen whips and bowls to the carton. Shipping weight per dozen, 30 lbs.

No. 232

The No. 232 DUNLAP WHIP is similar to above, designed for use in any bowl, and has special construction so as to keep blade close to bottom of the utensil in which it is being

Packed in individual containers, one dozen to the shipping carton.

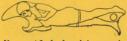
Shipping weight per dozen, 10 lbs.

No. 231



Price \$1.00

Bathing Girl Bottle Opener



Made of steel finely nickel plated. Made to carry in the pocket or on a key ring.

Beautiful bathing girl stamped on one side, other side stamped with your name and address or other wording if desired at small additional cost.

No. 208. Per 1,000 \$30.00

Sure Seal Hand Capper

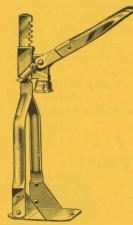


The capping head has a solid back and is fastened securely to a hardwood handle. It has special rubber cushion which absorbs shock, preventing breakage of bottles as well as caps sticking in head.

Weight 31 lbs. Per Gr.

No. 500—Sure Seal Hand Capper....Price \$0.09

The Famous "99" All Steel Capper



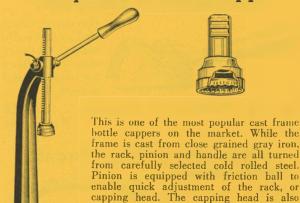
This universally used capper fills the requirement where economy and absolute reliability is required. Frame is stamped from a heavy gauge steel and constructed to insure maximum service.

Capping head is fitted with soft rubber cushion which automatically releases bottle after capping. Weight 3 lbs.

No. 99-All Steel Capper

Price \$0.66

Heavy Cast Frame Capper



frame is cast from close grained gray iron, the rack, pinion and handle are all turned from carefully selected cold rolled steel. Pinion is equipped with friction ball to enable quick adjustment of the rack, or capping head. The capping head is also milled from bar steel and is of the popular friction type with double seal. Each capper is attractively finished in baked

red enamel and fitted with rubber mat.

No. 1934-Popular Heavy Capper

Price \$1.26

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HICAGO, U.S.A.



Die Cast Pulleys

Grooved - Flanged - Step - Crown Faced

Properly designed, accurately bored, well balanced die cast pulleys are recognized as the standard of efficiency as well as appearance. Quotations on special pulleys in quantities will be made upon receipt of specifications.



Grooved **Pullevs**

For 3/8" and 3/4" Belts

Note: Pulleys 6" diameter and larger will also take 5%" belts.

	Running
No.	Diameter
E340125	1 /4"
E340150	11/2"
E340175	$1\frac{3}{4}$ "
E340200	2"
E340225	21/4"
E340250	2 1/2"
E340300	3″~
E340400	4"
E340500	5"
E340650	6 1/2"
E340800	8″
E341000	10"
E341200	12"

Bores 1/2", 5/8" 1/2", 5/8" 1/2", 5/8" 1/2", 5/8" 1/2", 5/8" 1/2", 5/8" 1/2", 5/8"	Shipping Weight 2 ozs. 3 ozs. 4 ozs.	Price \$0.21 .21 .22 .23
72,78, 201	4 ozs.	.24
1/2", 5/8", 5/4"	5 ozs.	.28
$\frac{1}{2}''$, $\frac{3}{4}''$	6 ozs.	.31
1/2", 3/4"	10 ozs.	.40
16", %", %"	12 ozs.	.50
1/2", 5/8", 3/4"	1½ lbs.	.75
1/2" 3/4"	$2\frac{i}{2}$ lbs.	1.00
1/2", 1"	3 lbs.	1.50
1/2", 5/8", 3/4", 1"	3¾ lbs.	1.80



No. E341520 E341521 Diameter $1\frac{3}{4}$ ", 1" $1\frac{3}{4}$ "

Double Grooved **Pulleys**

For 1/4" Belt

	Shipping	
Bores	Weight	Price
1/2"	2 oz.	\$0.25
1/2" 1/2"	3 oz.	.30

Four

Step

Pullevs

For 3/8" and 4/4" Belts



Running Shippin	
No. Diameter Bores Weight E341505 4", 31/4", 21/2", 13/4" 1/2", 5/8", 3/4" 11/4 lbs. E341506 5", 33/4", 23/4", 13/4" 1/2", 5/8", 3/4" 13/4 lbs.	Price \$0.65

Crown Faced **Pulleys**



No.	Diam.	Face	Bores	Weight	Price
E341600	$1\frac{1}{2}''$	13/4"	1/2", 5/8"	3 ozs.	\$0.25
E341602	2"	2"	1/2", 5/8", 3/4"	6 ozs.	.30
E341603	2"	3''	14" 96" 34"	12 ozs.	.45
E341605	$2\frac{1}{2}''$	$2\frac{1}{2}''$	$\frac{1}{2}''$, $\frac{5}{8}''$, $\frac{3}{4}''$	3/4 lb.	.38
E341606	$2\frac{1}{2}''$	3"	14", 98", 94"	1 lb.	.55
E341608	3"	13/4"	$\frac{1}{2}''$, $\frac{3}{4}''$	10 ozs.	.35
E341611	3"	3"	14", 14", 14"	1½ lbs.	.60



Running No. E341500

Two

Step

Pulley

For 3/8" and 1/2" Belts

Bores 1/2", 5/8"

Shipping Weight

Price **\$0.35**

Flanged Pulleys



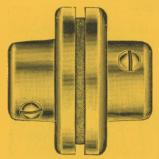
Note: Be Sure to Specify Bore Wanted

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Line Shaft Equipment-Belts-Accessories



Flexible Couplings

Furnished in various bores and combinations to meet every purpose. Specify bore or combinations required.

	Hub			Shipping List
No.	Size	Bores	(). D.	Weight Price
E341800	1"	1.5", 5%"	134"	6 oz. \$0.35
E341802	13/8"	1/5", 5/8", 3/4"	21/8"	10 oz45
E341804	2"			2½ lbs. 2.44
E341806	23/8"			4½ lbs. 3.15

Combination Bores

	Hub		Shipping List
No.	Size	Bores	Weight Price
E341812	1"	1/2" x 5/8"	6 oz. \$0.35
E341813	13/8"	1/2" x 5/8"	10 oz45
E341814	13/8"	1/2" x 3/4"	10 oz45
E341815	13/8''	$\frac{5}{8}'' \times \frac{3}{4}''$	10 oz45



Rigid Couplings

Accurately machined from cold rolled steel and fitted with hardened set screws.

No. Bore Weight Price

 No.
 Bore
 Weight
 Price

 E311801
 ½"
 5 oz.
 \$0.26

 E311802
 ¾"
 8 oz.
 .46



Shafting Collars

Machined from cold rolled steel and fitted with hardened set screw.

No.	Bore	Weight	Price
E311901	1/2"	2 oz.	\$0.13
E311902	34"	4 oz.	.20

Polished Steel Shafting



No.	Diameter	Length	Weight	Price
E311702	1/,''	24"	1½ lbs.	\$0.32
E311705	3/4"	48"	6 lbs.	1.2

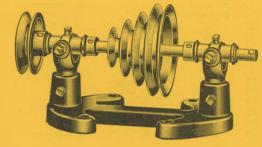
Adjustable Line Shaft Hanger

The double adjustment in the base and head aligns shafting easily. Fitted with bronze bushings.

No. Size Weight Price E3120A ½" 1 lb. \$1.25 E3121A ¾" 1¼ lbs. 1.95



Jack Shaft



Fitted with $2\frac{1}{2}$ " drive pulley and a four step pulley, sizes $1\frac{3}{4}$ ", $2\frac{1}{2}$ ", $3\frac{1}{4}$ ", and 4". Bronze bearings. Weight, 9 lbs.

No. E3110A—Jack Shaft......Price \$3.58

"Super Quality" "V"

Belts

Designed to give maximum service and long life.



	3%"			1/2"	
No.	Length	Price	No. E360228	Length 28"	Price \$0.52
E360124	24"	\$0.51	E360233	33"	.52
E360131	31"	.51	E360237	37"	.52
E360134	34"	.51	E360244	44"	.65
			E360248 E360256	48" 56"	.65 .78
E360143	43"	.65	E360262	62"	.85
E360160	60"	.78	E360277	77"	1.04
E360168	68"	.91	E360292	92"	1.24

Average shipping weight for belts, 6 oz. each.

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INDESTRO MFG. CORF

DEPENDABLE TOOLS Built for Service

INDESTRO MFG. CORP.



KILDARE • AT • SCHUBERT CHICAGO • U.S.A.

TELEPHONE ALBANY 4008

January 28, 1935.

Paul Capito, 637 W. 21st St., Erie, Pa.

Dear Sir:-

Your interest in our line is very much appreciated as indicated on your recent post card and in compliance with your request, we are enclosing a copy of our 1935A catalog.

Yours very truly,

INDESTRO MFG. CORP.

Sales Department.

M.L.Pettersen:MP A35*